

This collage features a variety of technical drawing templates and charts. Key elements include:

- Plumbing Fixtures Template:** A central template showing elevation views of various plumbing fixtures like sinks, toilets, and showers, with dimensions and scales.
- Electrical Symbols:** Multiple sections showing standard electrical symbols for components like switches, relays, and motors, along with a "Circuit-Aid" section for electrical symbols.
- Plotting Symbols:** A section at the bottom showing various geometric shapes and patterns used for plotting.
- Mathematical and Geometric Charts:** Includes a sine wave chart, a carrier wave chart, a modulated carrier wave chart, and a "Sine Curves and Variable Wave Forms" chart.
- Other Templates:** Includes a "Plumbing Fixtures Template" showing elevation views, a "Plumbing Fixtures Template" showing elevation views, a "Plumbing Fixtures Template" showing elevation views, and a "Plumbing Fixtures Template" showing elevation views.

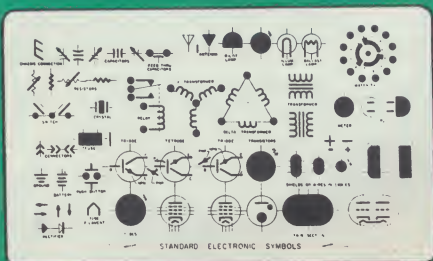


YOUR TEMPLATE SUPPLY HOUSE

ARCHITECTURAL • MECHANICAL • ELECTRONIC
STRUCTURAL • MATHEMATICAL • ELECTRICAL
LETTERING • ELLIPSES • SCIENTIFIC
PLOTting • PROCESSING • GENERAL SYMBOLS
CIRCLES • CHEMICAL • MISC. SPECIALIZED

Custom Templates Made To Order

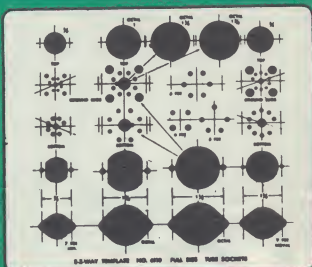
"for Quality At The Right Price"



No. 401 ELECTRONIC SYMBOLS

Contains the latest revisions in Electronic Symbols. Milled from .020" matt finished green plastic. Size 5 1/2" x 9 1/2".

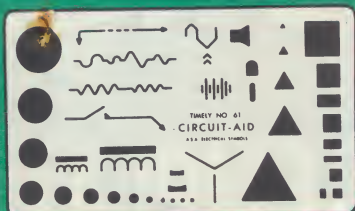
No. 401D \$3.85



No. 6110 E TUBE ENVELOPE OUT- LINES

Clearly marked for horizontal, vertical, and centerline indexes, sizes, and nomenclature. Authentic standard forms and measurements. Size 8 1/2" x 11 1/2".

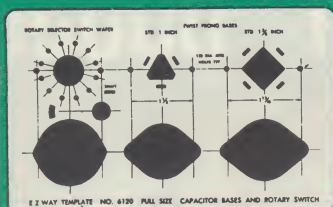
No. 6110E \$2.80



No. 61T CIRCUIT-AID ASA ELECTRICAL SYMBOLS

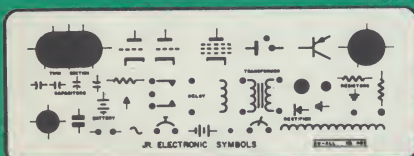
Designed for professional use. This template is an aid to drawing all electrical symbols, rather than completely drawing a few. Size 4 1/2 x 7 3/4 Milled Cut-Outs

No. 61T \$2.00



NO. 6120E—Full size Twist-Lock Capacitor Bases and Rotary Switch Template for engineers, draftsmen, designers. Can be used in schematic diagrams. Size: 5" x 8".

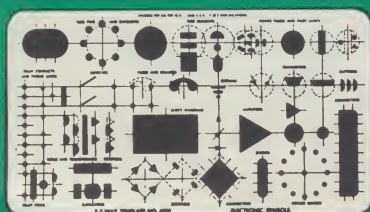
No. 6120E \$1.80



No. 402D ELECTRONIC SYMBOLS

Facilitates the drawing of the most useful symbols in the electronic field. Size 3"x8".

No. 402D \$2.20

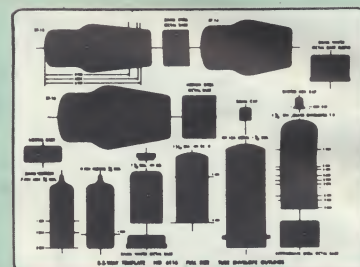


No. 6001E E-Z-WAY TEMPLATE

All the electronic symbols in this template comply with latest Mil-Std-15A and A.S.A.Y. 32 Specs. Transistors, power plugs, phone jacks, connectors and relays all incorporated. Made of dimensionally stable rigid vinyl plastic in a non-glare finish.

Size: 5 3/8" x 9 7/8"

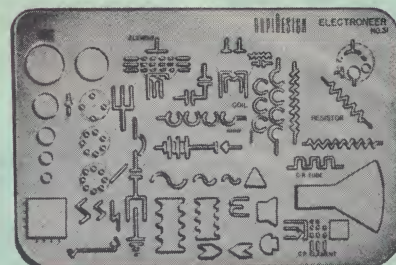
No. 6001E \$3.50



No. 6116 E FULL SIZE TUBE SOCK- ETS TEMPLATE

Clearly labeled. Marked with horizontal, vertical, and center lines. Just seconds to draw many complicated configurations with positive accuracy. Can also be used in schematic diagrams. Size 7 7/8" x 9".

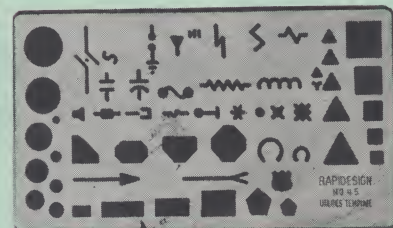
No. 6116E \$3.00



NO. 31R ELECTRONEER

All diagrammatic elements of the electronic and cathode ray tubes are provided for, plus tube bases of the 4, 7 and 8 prong type, in addition to all symbols in the field of electronics. Edges of all symbol cut-outs are beveled. Size 4-1/4" x 6-1/2". THICKNESS .040

No. 31R \$3.00



NO. 45R ELECTRIC PUBLIC UTILITIES TEMPLATE

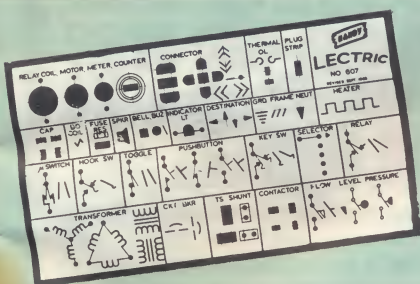
Portrays component parts or elements, such as coils, connections, contacts, instruments, transformers, etc. And can be combined in various ways to represent complete electrical devices. Size 6" x 3-1/4". THICKNESS .030

No. 45R \$2.50



"Quality at the Right Price"

ELECTRICAL TEMPLATES AND ELECTRONIC SYMBOLS

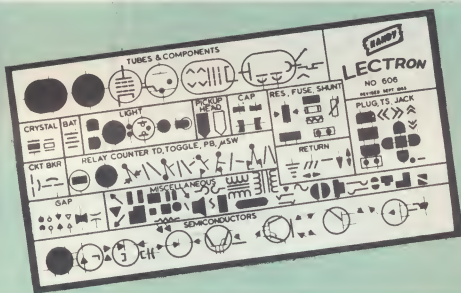


No. 607H LECTRIC TEMPLATE

The latest and most complete template depicting symbols used in commercial electrical devices, schematic diagramming — such as switches, plugs, instruments, connectors, etc.

Size: 5-1/8" x 9-3/4" x .030"

\$5.00 ea.

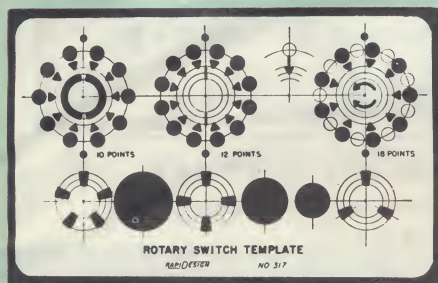


No. 606H LECTRON TEMPLATE

A comprehensive assortment of most frequently used symbols for fast accurate description of Electronic Components and Devices. Latest revisions included.

Size: 5-1/8" x 9-3/4" x .030"

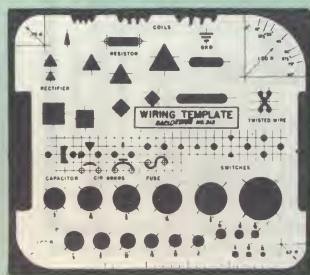
\$5.00 ea.



ROTARY SWITCH TEMPLATE

Template covers 10, 12 and 18 point rotary switches . . . can be used in other combinations by using center holes as rotating point. Made of .030 mathematical quality plastic. Precision smooth cut-outs. Designed for speed and neatness in systematic layout of wiring diagrams using rotary wafer type switches. Size 6 3/8" x 3 7/8".

No. 317R \$2.50

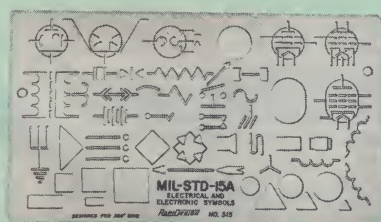


No. 313R WIRING TEMPLATE

Electrical and electronic symbols conforming to specifications JAN-Std 15 grouped and arranged for greatest ease in drawing.

Size 6-1/8" x 7". THICKNESS .030

No. 313R \$2.50



No. 314R MIL-STD. 15A TEMPLATE

— Designed for .200 grid.

Size 7" x 4" THICKNESS .040

No. 315R MIL-STD. 15-1 TEMPLATE

— Designed for .250 grid.

Size 8-3/4" x 5" THICKNESS .040

No. 315R \$4.00

No. 314R \$4.00

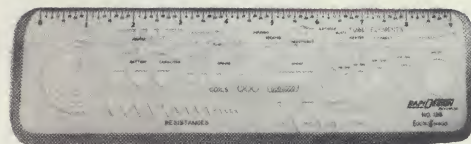


No. 175R ELECTROMASTER

Electrical symbols shown in the American Standards Association manual Z32.3-1946 as well as other accepted symbols in the utility and power and light fields can be made with this template. 8" 45° triangle, with inner contours beveled. Laminated — the printing cannot wear off.

THICKNESS .080

No. 175R \$4.00

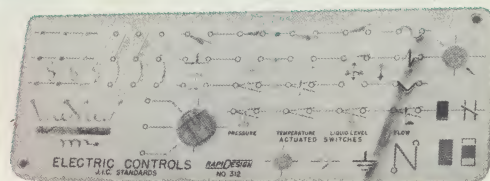


No. 128R ELECTROSYMBOL

By simple combination of the various contours, all symbols in the field of electronics can be easily constructed. For radio, electronics and television.

Size 2-7/8" x 10". THICKNESS .030

No. 128R \$2.00

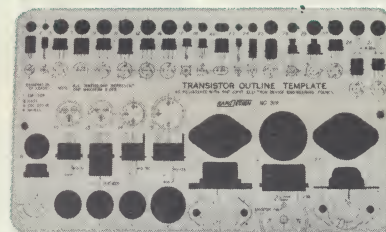


No. 312R ELECTRIC CONTROLS TEMPLATE

— J. I. C. Standard Symbols to assist in the depiction of circuits in electrically controlled machinery and electric automation of production processes.

Size 9" x 3-3/8". THICKNESS .030

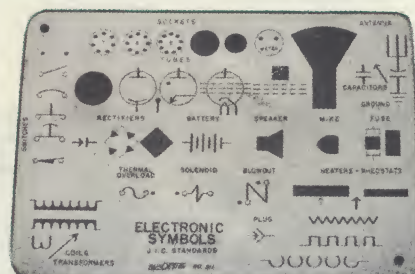
No. 312R \$2.50



No. 319R TRANSISTOR OUT- LINE TEMPLATE

Cutouts for 27 sizes of transistors; outlines are of both top view and side elevation, allowing immediate ascertainment of space requirements of transistors in layouts of wiring diagrams and printed circuits. Made of .030 matte finish mathematical quality plastic. Actual size of the template is 9 1/2" x 5 1/2".

No. 319R \$3.00

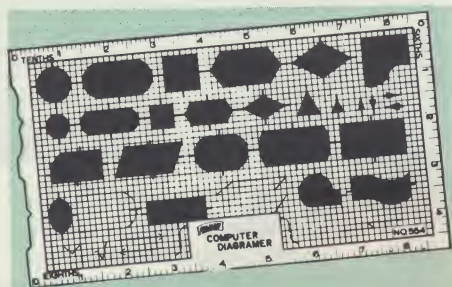


No. 311R ELECTRONIC J. I. C. TEMPLATE

— J. I. C. Electrical Symbols for designers and draftsmen. Size 7" x 5".

THICKNESS .030

No. 311R \$3.00

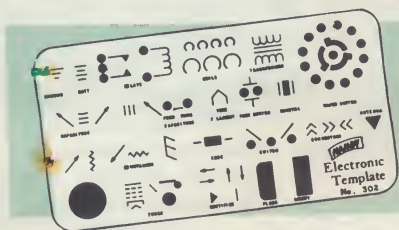


No. 554H COMPUTER DIAGRAMMER TEMPLATE

The symbols recommended for use in the preparation of flow charts and block diagrams of systems and procedures using data processing machines and systems.

Size: 5-1/4" x 9" x .030"

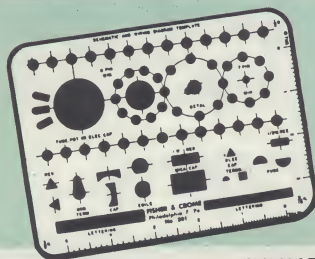
\$3.00 ea.



Contains the latest revisions in electronic components. And can be combined in various ways to represent complete electrical devices.

3 1/2" x 6 1/2" x .040"

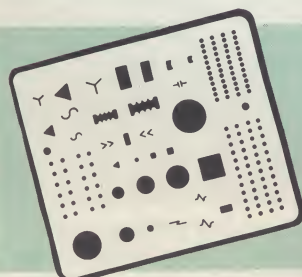
No. 302H \$1.50



**MATTE FINISH
GREEN TINT
.030 THICK**

4 3/4" x 6 1/8".
\$3.50 each

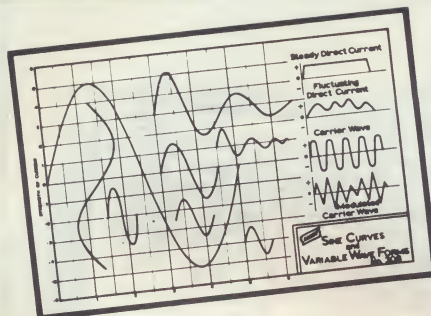
**SCHEMATIC
and WIRING
DIAGRAM
TEMPLATE
NO. 301F**
Includes 10ths and 16ths scales and lettering guides.



**ELECTRICAL
TEMPLATE
NO. 307F**

Size 4 3/4" x 5 1/2".
\$3.00 each

**MATTE FINISH
GREEN TINT
.030 THICK**

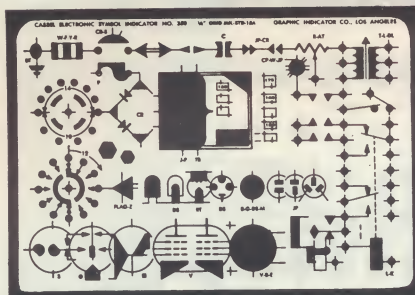


No. 306H SINE CURVES and VARIABLE WAVE FORMS TEMPLATE

These symbols recommended for use in classroom instruction, electronic communication and technical illustration for synchronized and normal sine and modulated wave forms.

Size: 8-1/4" x 5-1/2" x .030"

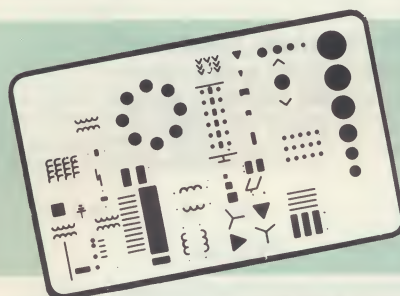
\$3.00 ea.



No. 350C ELECTRONIC SYMBOL INDICATOR

SIZE 4 1/2" x 6 1/2" 1/4" GRID-MIL-STD-15A.

No. 3500C.....\$3.95



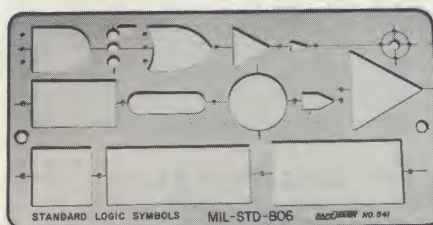
No. 306F

**ELECTRICAL/
ELECTRONIC
TEMPLATE**

**MATTE FINISH
GREEN TINT
.030 THICK**

One of the most versatile templates now available. Size 5" x 8".

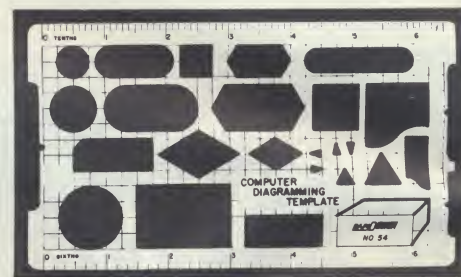
\$5.00 each



NO. 541 MIL-STD 806— FULL SIZE — \$3.00
NO. 542 MIL-STD 806— HALF SIZE — \$3.00

Standard Logic Symbols for Digital Processing.
Size 7 5/8" x 4". THICKNESS .060

No. 541R or 542R.....\$3.00 EACH

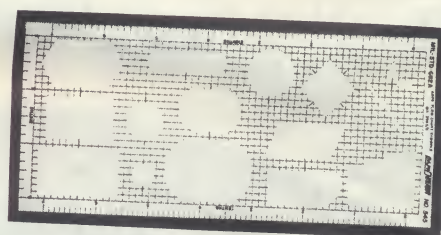


No. 54 COMPUTER DIAGRAMMING TEMPLATE

Two sizes of symbols for decisions, switches, operations, modifications, drum storage, desk files, consoles, exceptions, etc.

Size 7" x 4"

Thickness .030 **NO. 54R \$2.50**



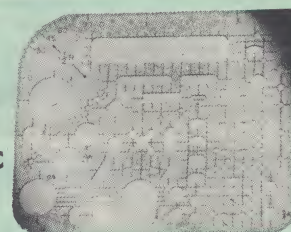
No. 545 MIL-STD 682A-ADPS

Flow Chart Symbols MX 3983/G.
Size 8" x 3 1/2".

THICKNESS .030

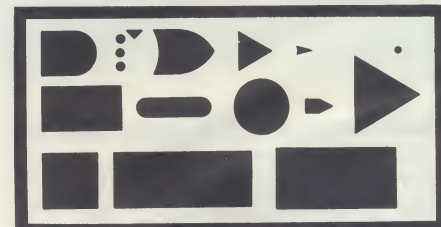
No. 545R \$2.50

No. 150Y ELECTRICAL AND ELECTRONIC SYMBOLS



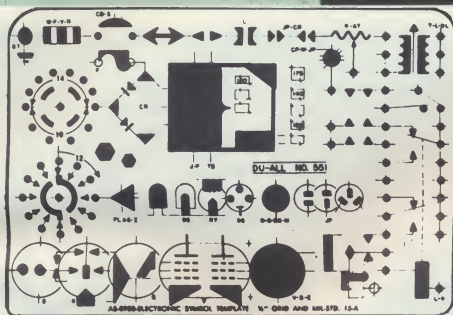
For rapid drawing of electrical and electronic symbols conforming to Specification JAN-STD-15. Sizes of symbols are in multiples of 0.2". Overall size: 6 3/16" x 5". Made of amber-coated non-flammable .025" thick vinylite. Strong, stiff, and permanent in size and shape.

No. 150Y \$2.00

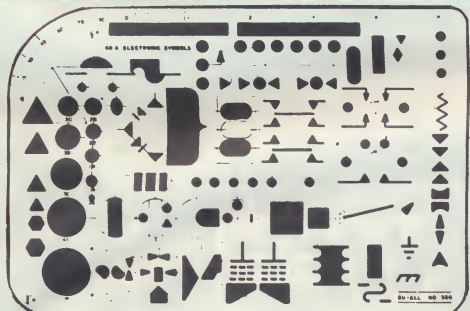


Standard Logic Symbols in 1/2 size. Molded in green plastic with pin hole location points.
Size: 2" x 4" x .065"

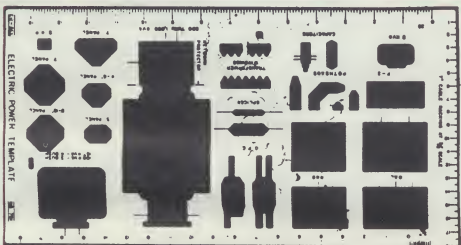
No. 553H \$1.50



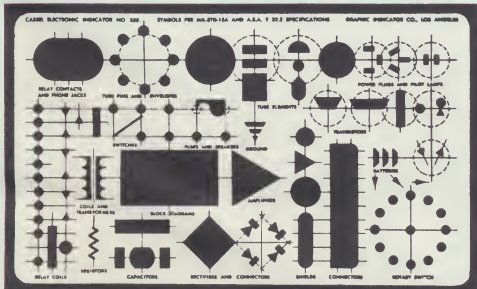
No. 551D ELECTRONIC SYMBOLS
AS-0900 symbols — 1/4" grid and MIL-STD.
15-A. Size: 4 1/4" x 6" x .030".
No. 551D \$3.85



No. 550D ELECTRONIC SYMBOLS
GD A Standard Electronic Symbols. Size: 5" x 7 1/2" x .030".
No. 550D \$3.85



No. 701D ELECTRIC POWER TEMPLATE
Transformers, panels, potheads, etc.
Size: 4 1/4" x 8" x .030".
No. 701D \$1.85

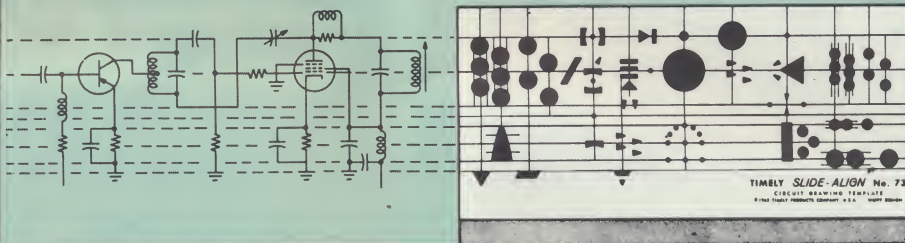


No. 355C ELECTRONIC SYMBOL INDICATOR
SIZE 5" x 8 1/4" 1/4" GRID-MIL-STD-15A. PRICE \$3.95
.020 THICK NON-GLARE VINYLITE
No. 3550C.....\$3.95

SLIDE-ALIGN CIRCUIT DRAWING TEMPLATE

Electronic symbols in logical order of circuit design. CRISP professional symbols with minimum template shifting.

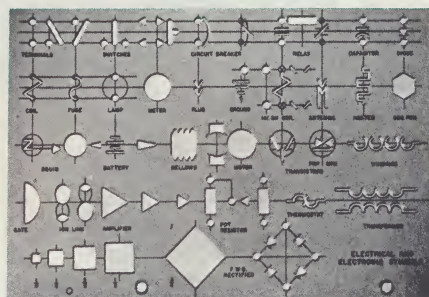
No. 73T \$2.50



← SLIDE TEMPLATE HORIZONTALLY FOR MOST SYMBOLS →

The #73 SLIDE-ALIGN Circuit Template speeds and standardizes drafting of electronic circuit diagrams. Template elements are arranged so you can position most symbols by moving the template right or left along a straight edge, in a horizontal plane. They are vertically spaced so you get uniformity of height. There are cut-outs for all symbols in common use, and the template is not cluttered with seldom used detail. All symbols are A.S.A. ap-

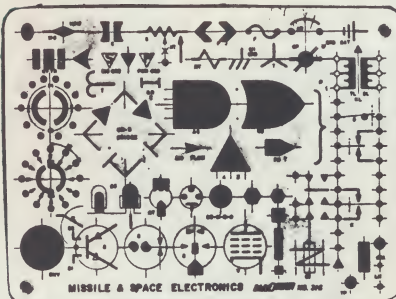
proved, and they include several optional approved types such as overlap or half turn coil symbols, and several types of ground symbols. Horizontal or vertical coils, capacitors and resistors can be drawn without turning the template. Cut-outs for drawing all tubes, transistors, relay coils and contacts, and rotary switches are included. The drawn symbols are suitable in size for either contact prints or for reduction in published material.



RD 6102R NASA STANDARD ELECTRICAL DRAFTING TEMPLATE—Compulsory on all electric documentation performed for Quality Assurance Division. Memo. No. M-QUAL-OE 62.27. Size 8" x 5 1/4".

THICKNESS .060

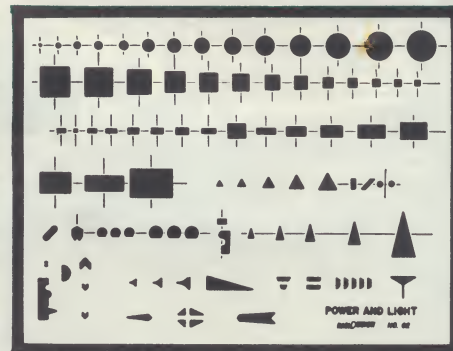
No. 6102R \$5.00



No. 316R MISSILE & SPACE ELECTRONIC TEMPLATE—Symbols for electronic circuits. Conforms to MIL-STD-70327. Size 7" x 5".

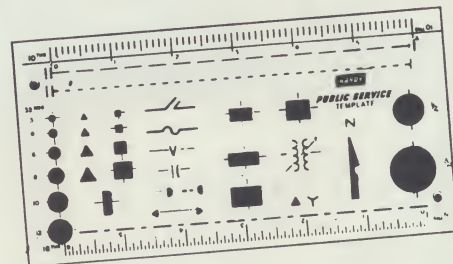
THICKNESS .030

No. 316R \$4.50



NO. 62R POWER AND LIGHT TEMPLATE — After a design by the Bureau of Reclamation, symbols of equipment that carry the load from the source of power to the consumer. Center lines are engraved on the underside of the template. Size 7 1/2" x 5 1/2". THICKNESS .060

No. 62R \$5.00

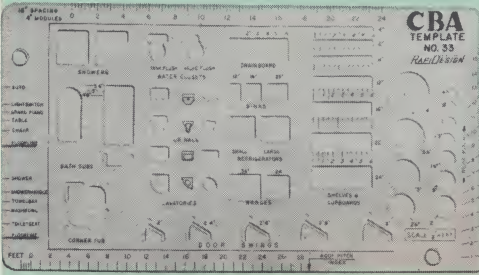


Public Service Template

This template can be combined in various ways to represent complete electrical devices. Portrays component parts or elements, such as coils, connections, contacts, instruments, transformers, etc.

3 1/2" x 7" x .030"

No. 600H \$2.50



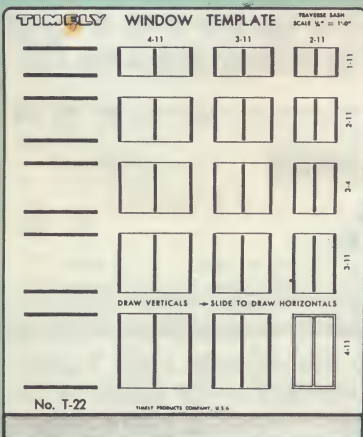
No. 33R CBA TEMPLATE

For contractors, builders and architects. Complements and supplements the No. 22 ABC Template. Scale $1/8" = 1'$. Actual size $6-1/4" \times 3-5/16"$. THICKNESS .030

No. 33R \$2.50

WINDOW TEMPLATE NO. 22T TRAVERSE SASH

SIZE $6" \times 7"$ SCALE $1/4" = 1'0"$

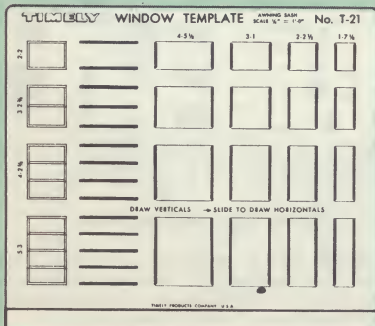


Easy two-step drawings of 14 standard size traverse windows. Slide-easy lower edge strip.

No. 22T PRICE \$1.60

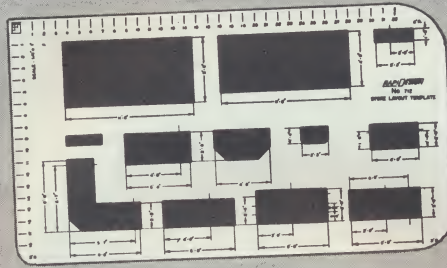
WINDOW TEMPLATE NO. 21T AWNING SASH

SIZE $6" \times 7"$ SCALE $1/4" = 1'0"$



Draw 16 standard sizes. Quick, architecturally crisp results. Slide-easy lower edge strip.

No. 21T PRICE \$1.60

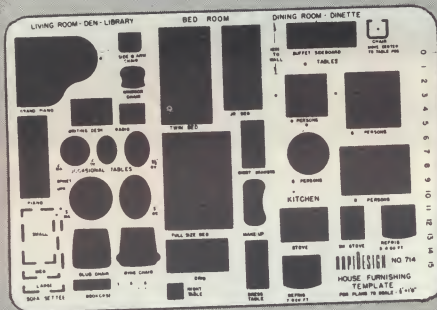


No. 712R STORE LAYOUT TEMPLATE

Has most standard sized counters and tables for use in laying out store display cases, counters, etc. Scale $1/4" = 1'$. Size $5-3/16" \times 9-3/16"$

THICKNESS .030

No. 712R \$1.75

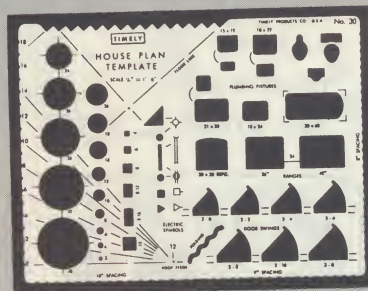


No. 714R HOUSE FURNISHING TEMPLATE

To plan your furniture and appliance arrangement before or after the house is completed or when furniture re-arrangement is contemplated. Scale $1/4" = 1'$. Size $8" \times 5-1/2"$

THICKNESS .030

No. 714R \$2.00



No. 30T House Plan Template

Scale $1/4" = 1'0"$ Size $5 1/4" \times 6 3/4"$

Circles: Heaters, drains, appliances, arcs, and corners.

Rectangles: Posts, piers, flues, vents, and panels.

Spacing: Stairs, framing, masonry, tile, etc.

Roof Pitch Gage: For layout or checking drawings, and photos.

Doors: Draw completely with one setting.

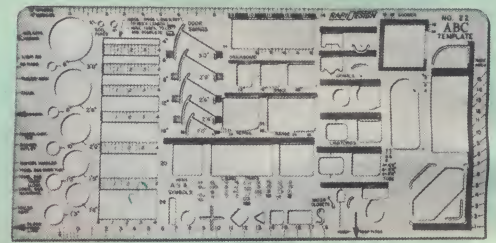
Plumbing Fixtures: Neat, uniform symbols.

Kitchen Equipment: Draw, or check for space.

Electric Symbols: Draw completely with template.

Stairs: Standard elevation on template. (Five more stair patterns on envelope flap.)

No. 30T \$1.50



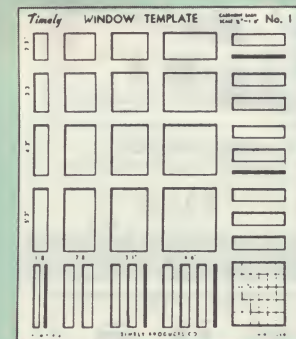
No. 22R ABC TEMPLATE

For Architects, Builders and Contractors. The template that has more than any template performing a similar function. Scale $1/4" = 1'$. Size $4-1/8" \times 8-3/4"$. THICKNESS .030

No. 22R \$2.50

WINDOW TEMPLATE NO. 10T CASEMENT SASH

Size $6" \times 7"$ Scale $1/4" = 1'0"$



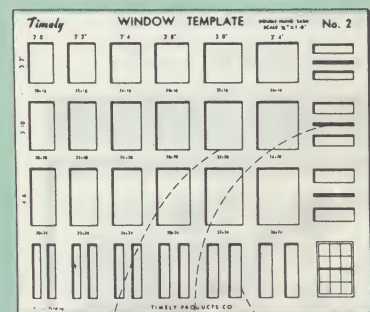
Glass size either 8 x 12 or 12 x 16. Drawing steps same as shown for template at right.

Make accurate drawing of metal or wood casement sash. You can check proportion of window before drawing. 16 standard size windows may be drawn direct from template.

No. 10T price \$1.50

WINDOW TEMPLATE NO. 20T DOUBLE-HUNG SASH

Size $6" \times 7"$ Scale $1/4" = 1'0"$



For speedy drawing of metal or wood double-hung sash. 18 popular size windows may be drawn direct from template.

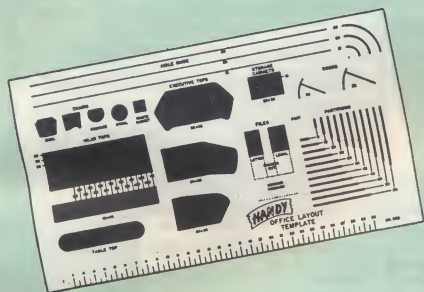
Example above shows steps in drawing 32 x 20 window sash. Other glass arrangements may be drawn by omitting lines.

No. 20T price \$1.50



"Quality at the Right Price"

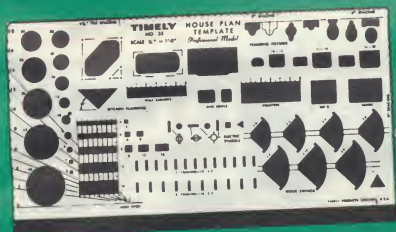
ARCHITECTURAL TEMPLATES



No. 699H Office Layout Template

Fast depiction of most office furniture and equipment including partitions. Useful aisle guide and $\frac{1}{4}$ " scale. Scale $\frac{1}{4}$ " = 1'. Green plastic. Size 5" x 9" x .030"

No. 699H \$2.50



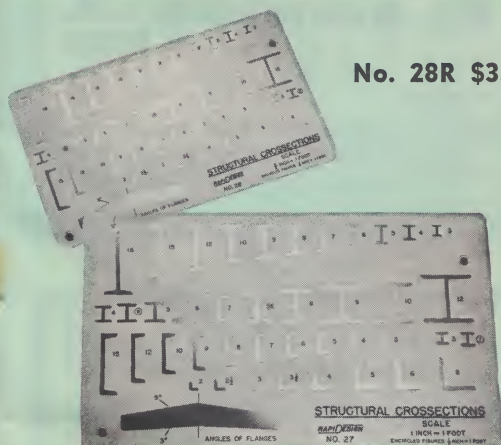
No. 35 T Professional Model House Plan Template

Scale $\frac{1}{4}$ " = 1'0" Size: 6 1/2" x 9 1/2"

Logical straight line design, simplifies planning and detailing. 2-way door swings — you never turn the template over. Notched edges for the easiest spacing with pencil dots. Space 4 1/4" tile, 6", 8", 9" and 12". Also framing spaced 12", 16" and 24". Slide-easy lower edge strip. This is the world's finest architectural template.

No. 35T \$2.50

No. 28R \$3.00



STRUCTURAL CROSSECTIONS

No. 27R — 1" — 1 FOOT

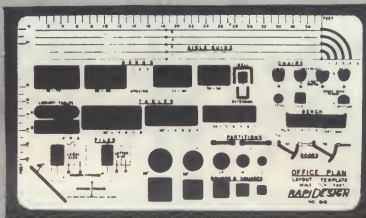
No. 28R — 3/4" — 1 FOOT

No. 27 8 1/4" x 5"

No. 28 6" x 3 3/4"

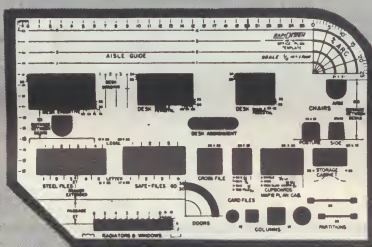
THICKNESS .030

No. 27R \$3.00



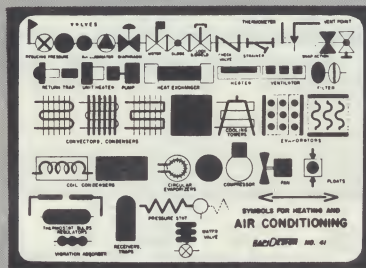
No. 610R OFFICE PLAN LAYOUT TEMPLATE in $\frac{1}{8}$ " scale. Easy depiction of most office furniture and equipment. Size 6" x 5-3/8". THICKNESS .030

No. 610R \$1.60



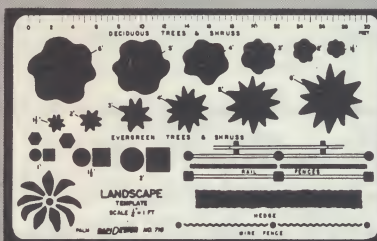
No. 710R SPEEDI-PLAN Office layout and work flow. For efficient layout and visual representation of paper work flow. Scale 1/4" = 1". Size 5" x 8". THICKNESS .030

No. 710R \$1.60



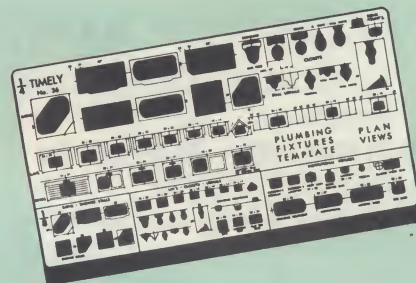
No. 41R HEATING AND AIR CONDITIONING TEMPLATE Symbols for heating and air conditioning derived from ASA Z32.2.3 and ASA Z3.2.4. Size 7" x 5" THICKNESS .030

No. 41R \$3.00



NO. 715R LANDSCAPE TEMPLATE For scaled drawings of the common shapes and enclosures for landscape lay-outs. Scale 1/4" = 1 FT. Size 7 3/4" x 5". THICKNESS .030

No. 715R \$2.50



No. 36T Plumbing Fixture Template (PLAN VIEWS)

Scale 1/4" & 1/8" = 1'0"

Accurate scale symbols for drawing 75 fixtures. For residential, institutional and commercial buildings. Slide-easy lower edge strip. Size: 5 1/2" x 9 1/4"

No. 36T \$2.50

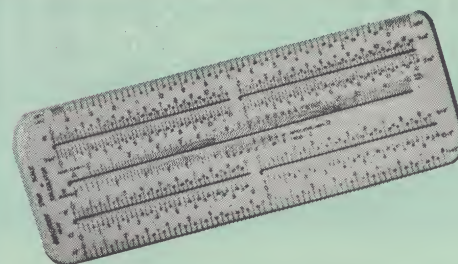


No. 37T Plumbing Fixture Template (ELEV. VIEWS)

Scale 1/2" = 1/4" & 1/8"

Accurate scale symbols for both front and side elevations of plumbing fixtures for both residential, institutional and commercial buildings. Slide-easy lower edge strip. Size: 5 1/2" x 9 1/4"

No. 37T \$2.50



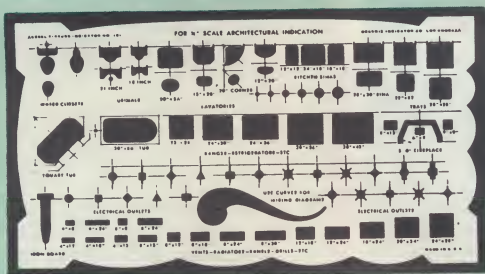
No. 36R STAIR SCALE AND CALCULATOR

— Combines 10 important scales for quickly spacing stair risers and treads, rafters, studs, joists, etc. Also an accurate architects' scale and a quick, precise calculator for computing all factors in stair planning. All scales are calibrated 1/8", 1/4", and 1/2" to 1". Printing and calibrations between two sheets of Vinylite for absolute protection against wear. All edges beveled and polished Size 3 1/2" x 10". THICKNESS .060

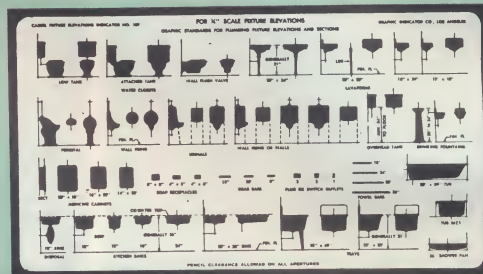
No. 36R \$2.00

ACCURATELY MADE TO SCALE FOR PROFESSIONAL USE

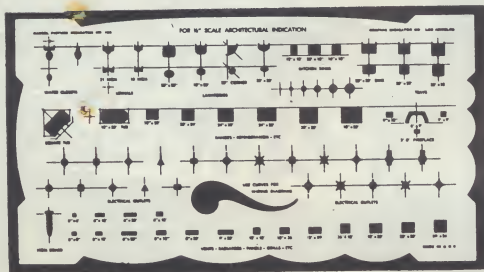
CASSEL TEMPLATE TYPE INDICATORS are made of .020" thick rigid Vinylite thin for accuracy of scale, that stays flat, with a no-glare and non-slip surface. All indicators are made to conform to Graphic Standards for Professional use. Pencil clearance allowed on all apertures.



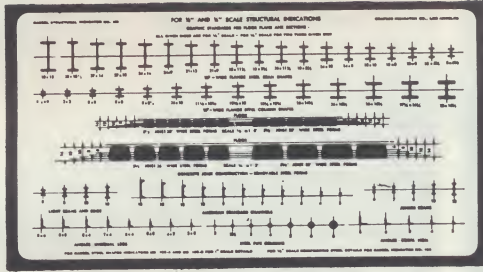
NO. 101C FIXTURE INDICATOR
SIZE 5% x 9% SCALE 1/4" PRICE \$3.95



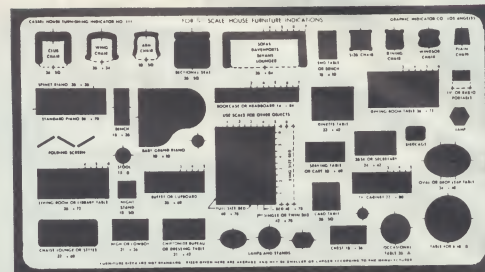
NO. 109C FIXTURE ELEVATION INDICATOR
SIZE 5% x 9% SCALE 1/4" PRICE \$3.95



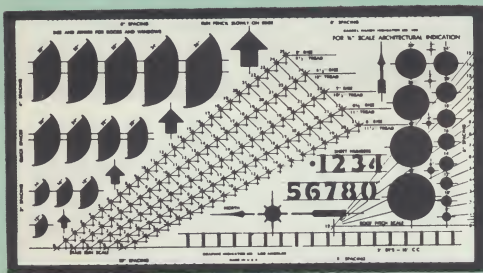
NO. 103C FIXTURE INDICATOR
SIZE 5% x 9% SCALE 1/8" PRICE \$3.95



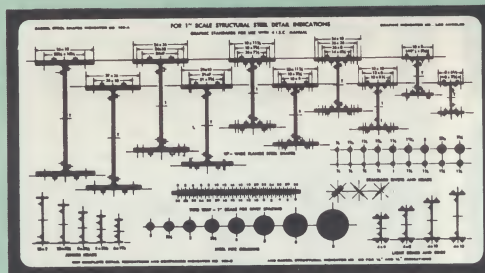
NO. 161C STRUCTURAL INDICATOR
SIZE 5% x 9% SCALE 1/4" PRICE \$3.95



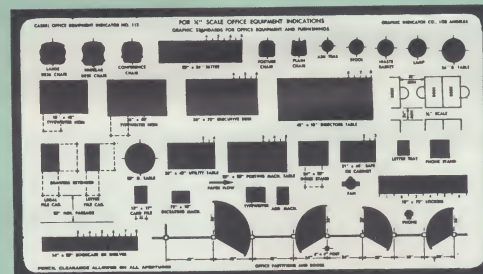
NO. 111C HOUSE FURNISHING INDICATOR
SIZE 5% x 9% SCALE 1/4" PRICE \$3.95



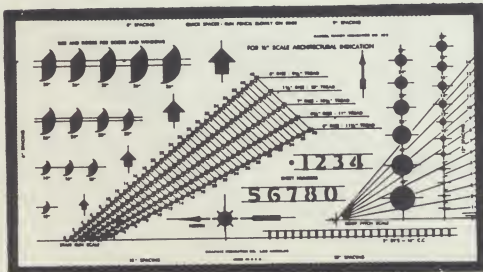
NO. 105C HANDY INDICATOR
SIZE 5% x 9% SCALE 1/4" PRICE \$3.95



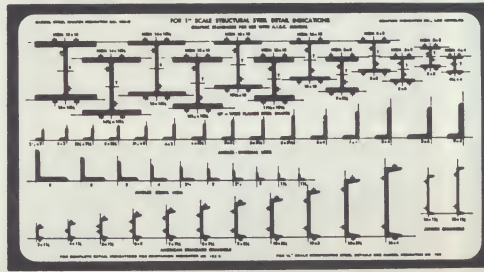
NO. 163C STEEL SHAPES INDICATOR
SIZE 5% x 9% SCALE 1" PRICE \$3.95



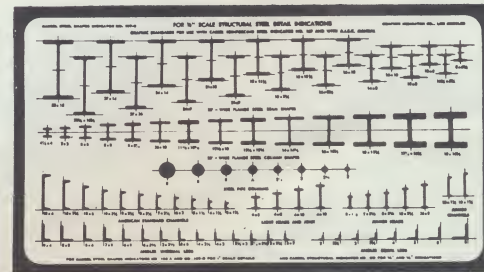
NO. 113C OFFICE EQUIPMENT INDICATOR
SIZE 5% x 9% SCALE 1/4" PRICE \$3.95



NO. 107C HANDY INDICATOR
SIZE 5% x 9% SCALE 1/8" PRICE \$3.95



NO. 165C STEEL SHAPES INDICATOR
SIZE 5% x 9% SCALE 1" PRICE \$3.95

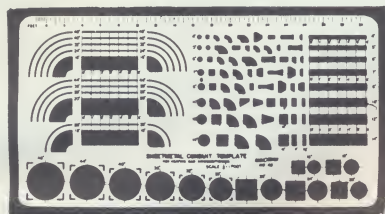


NO. 167C STEEL SHAPES INDICATOR
SIZE 5% x 9% SCALE 1/2" PRICE \$3.95



"Quality at the Right Price"

ARCHITECTURAL TEMPLATES



No. 48R SHEETMETAL CONDUIT TEMPLATE

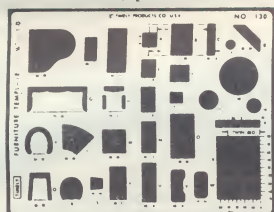
Designed to facilitate layout of sheetmetal conduits for heating and air conditioning. Covers all sizes between 4" and 48". Crosssections, either round or square.

Size 9-3/4" x 5-1/4". THICKNESS .030

No. 48R \$5.00

No. 130T Furniture Template

Scale 1/4" = 1'0"



With Dimension Tables For Architect And Builder

Since houses must be designed for stock furniture, this template enables the designer to quickly visualize furniture space and adaptability. The template envelope illustrates 65 pieces of furniture that can be drawn. Gives width, depth, and height of each.

Size: 5 1/4" x 6 3/4"

No. 130T \$1.50

No. 131T Furniture Template Supplement

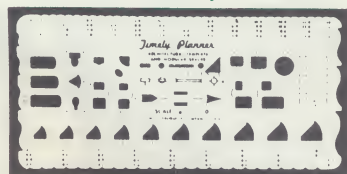
Scale 1/8" = 1'0"

Same cut-out arrangement as No. 130, except without printing.

Size: 3 3/4" x 4 3/4"

No. 131T \$1.00

No. 50T Timely Planner



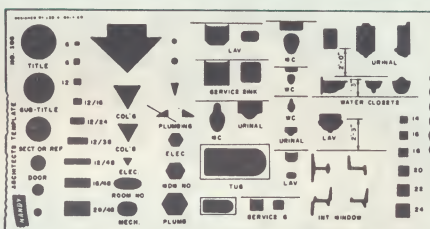
ARCHITECTURAL TEMPLATE AND MODULAR SPACER

For rapid layout of all building items in multiples of 4" 8" and 16" to eight standard scales. Notched edges will center pencil point perfectly. Easy to space or estimate framing, masonry, etc.

Scale 1/4" = 1'-0" Size: 3 1/4" x 6 3/4"

No. 50T \$1.50

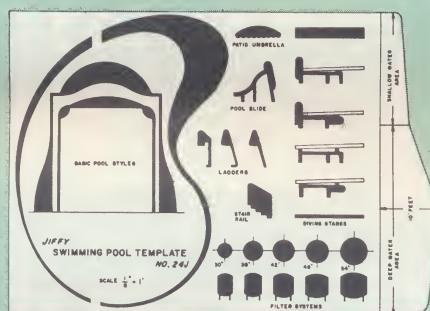
No. 100 Industrial Architect Template



Every industrial architect, engineer and designer will find this instrument a necessity. Green plastic. Packaged in clear plastic.

4" x 7 3/4" x .020"

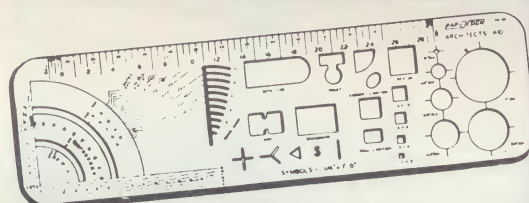
No. 100H \$2.50



No. 24J "JIFFY" SWIMMING POOL TEMPLATES

Makes planning swimming pools a breeze. Features the basic swimming pool shapes, water depths, ladders, diving stands, filter systems and slides.

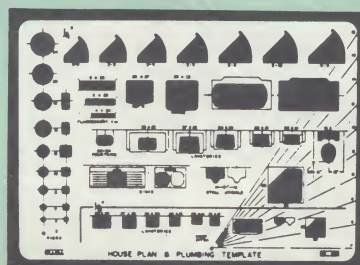
Scaled: 1/8" equals 1'. No. 24J — \$3.00



No. 29R ARCHITECTS AID

Handy and useful for the architect and building contractor. All the most commonly used symbols are quickly and easily delineated. Precision smooth cut. Scale 1/4" = 1'. Size 2-3/4" x 10".

No. 29R \$2.00

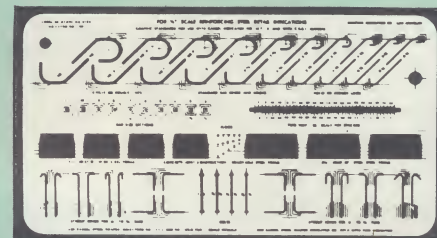


No. 444D HOUSE PLAN & PLUMBING Template

The most complete architects template on the market. Includes standard plumbing fixtures at 1/8" and 1/4" scales.

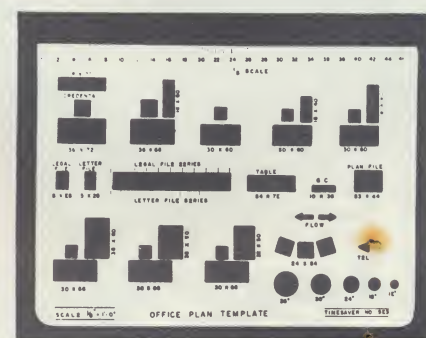
Size: 5"x7"x.030"

No. 444D \$1.50



NO. 169-C REINFORCING STEEL INDICATOR
SIZE 5 3/8" x 9 3/8" SCALE 1/2"

No. 169C \$3.95

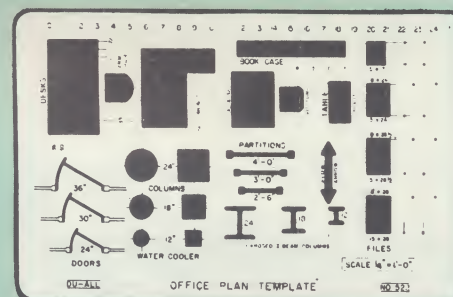


No. 523D OFFICE PLAN

Office furniture and equipment at 1/8" scale

Size: 4 1/2" x 6" x .030"

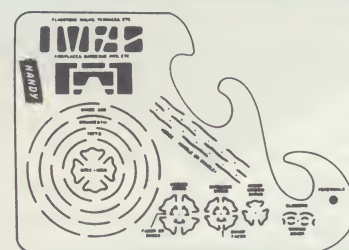
\$1.50 ea.



No. 522D OFFICE PLAN TEMPLATE

Office equipment at 1/4" scale. Size: 4 1/2"x7"x.030"

No. 522D \$1.50



No. 678H Landscape Template

Contours, trees, shrubs, walks and fixtures drawn neatly in seconds with this useful template. Green plastic.

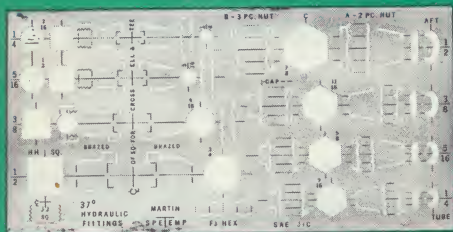
7" x 10" x .030"

No. 678H \$3.95



"Quality at the Right Price"

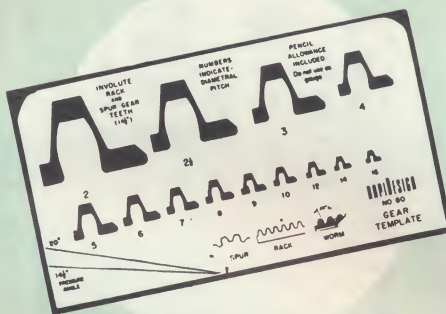
MECHANICAL ENGINEERING TEMPLATES



No. 439M HYDRAULIC —

37° Flared all SAE-JIC Fittings
1/4 to 1/2 4.75 x 9.5 x .060 BEVELED

No. 439M \$4.95



No. 80R GEAR TEMPLATE

Involute, rack & spur gear teeth. Can also be used to make 29° worm gears. Diametral pitches of 2, 2 1/2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16. Not a gauge. For drawing teeth neatly and accurately. Size 4" x 7-1/4" THICKNESS .030

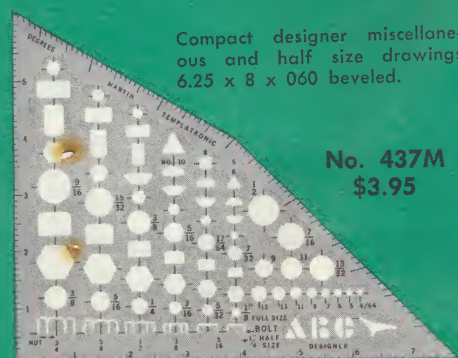
No. 80R \$2.00



No. 121R . HEXANGLE TEM- PLATE—103 cut-outs. Six screw sizes,

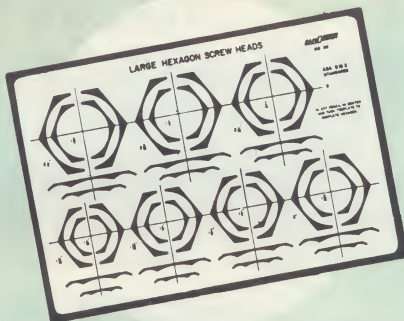
from No. 10 to 1/2". Six elevations — 90°, 60°, 45°, 30°, 15° and 0°. Cut-outs arranged so that chamfer circles and flats can be drawn with the hexes. Actual size 8-1/2" x 5-3/4" THICKNESS .030

No. 121R \$4.00



Compact designer miscellaneous and half size drawings 6.25 x 8 x .060 beveled.

No. 437M
\$3.95

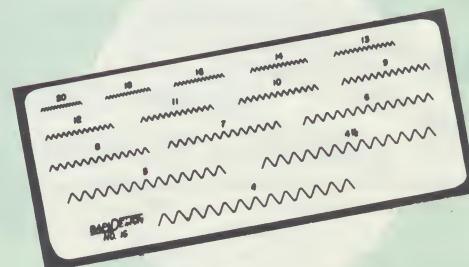


No. 58R LARGE HEXAGON SCREW HEADS — ASA B 18.2. 18

Hexes from 1-1/16" to 2-1/4" as measured across flats with corresponding chamfer circles and side elevation of crown of hexnuts.

Sizes 7" x 10-3/8" THICKNESS .030

No. 58R \$3.00

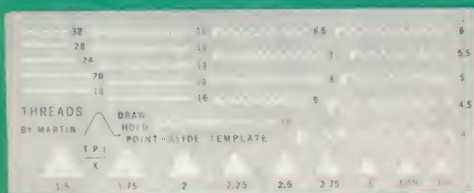


No. 15R SCREW THREAD TEM- PLATE — Covers the entire range of

commonly used American Standard threads from 20 threads per inch to 4 threads per inch. All standard screw diameters from 1/4" to 4". Size 6-7/8" x 2-3/4".

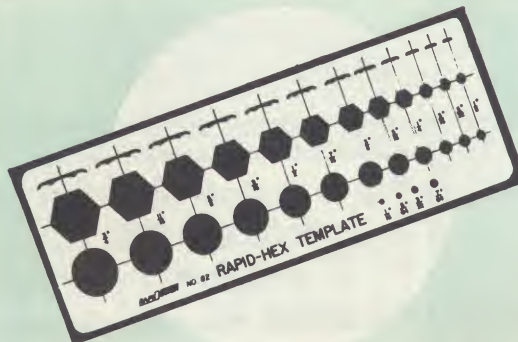
THICKNESS .040

No. 15R \$2.50



1.5 TPI to 32 pitch full capacity for oversize views of intricate parts. Accurate and beveled 2.75 x 6.88 x .060

No. 431M \$2.80



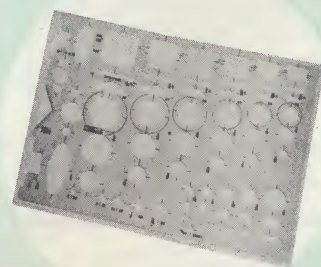
No. 82R RAPID-HEX TEMPLATE

Range of template is 1/8" to 3/4" as measured across the flats. Contains 12 hexagons, circles and chamfer crescents.

Size 7 7/8" x 2 3/4"

Thickness .030

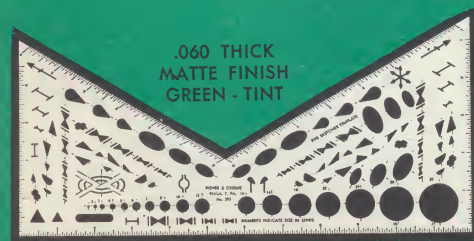
No. 82R \$1.50



No. 132Y — HALF SIZE NUT AND BOLT \$1.25

No. 131Y—FULL SIZE NUT AND BOLT Overall size 5" x 6 1/8". This template offers a rapid and easy method for outlining various types and sizes of nuts, rivets, nut plates, recessed screw heads, plain and clevis bolt heads, drill diameters and spotfaces. Socket clearances indicated.

No. 131Y \$1.50



No. 303F PIPE SKETCHER'S — TEMPLATE

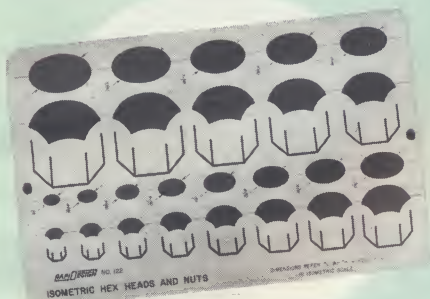
For use by pipe draftsmen.
Size 6" x 12"

No. 303F \$9.00 EACH



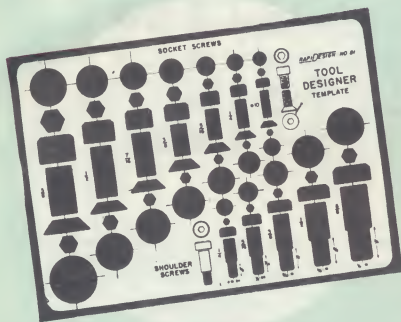
"Quality at the Right Price"

MECHANICAL ENGINEERING TEMPLATES



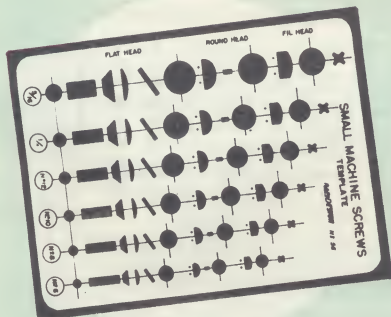
No. 122R ISOMETRIC HEX HEADS AND NUTS — 13 sizes from 1/4" to 1" as measured across the isometric axes, in increments of 1/16". Size 8-3/16" x 5-1/8". THICKNESS .030

No. 122R \$3.50



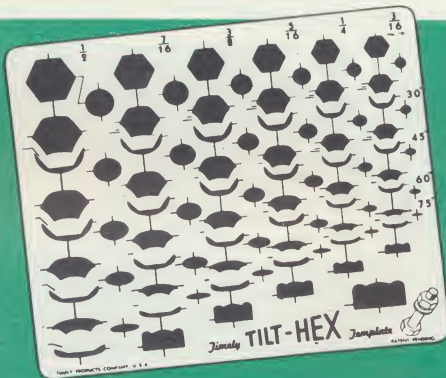
No. 81R TOOL DESIGNER TEMPLATE Socket screws, shoulder screws, head diameter and wrench size, with front elevation and top view. Size 8 1/2" x 6". THICKNESS .030

No. 81R \$3.00

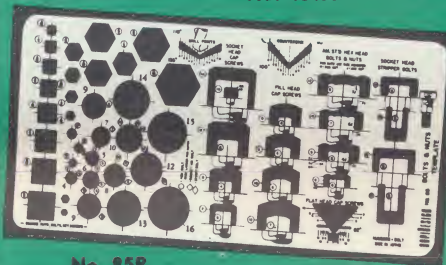


No. 56R SMALL MACHINE SCREW TEMPLATE Six common sizes—top and side view. Size 5" x 6 7/8". THICKNESS .030

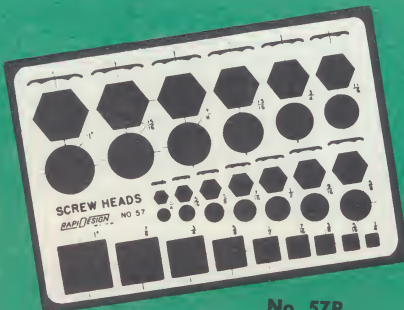
No. 56R \$2.50



No. 40TX



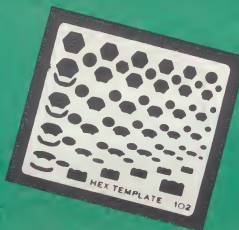
No. 85R



No. 57R



No. 201R



No. 102D



No. 101D

No. 40TX TIMELY EXACT DIE CUT Size: 6" x 7"

SIMPLIFIES DRAWING BOLTS & NUTS, VIEWED FROM ALL ANGLES

Timely TILT-HEX, with 90 efficient cut-outs, aids in drawing a great variety of types and sizes of fasteners. By combining the openings of two sizes, various kinds of self-locking nuts can be drawn with ease.

No. 40TX \$1.50

No. 85R NUTS AND BOLTS TEMPLATE. For drawing fasteners of all descriptions. Elevation views of socket head, flat head and filister head cap screws; American standard hex head and bolts, and socket head stripper bolts including end screws. Drill point and countersink cut-out for angles of 82°, 90°, 100°, 118° and 135°. Size 5" x 10-7/16". THICKNESS .030

No. 85R \$3.50

No. 57R SCREW HEADS TEMPLATE—Range of the template is from 1/4" to 1" across the flats. Contains 13 hexagons in 1/16" increments, 13 circles to serve as tangent or chamfer circles for the hexagons as well as circles for the screw body diameters. There are 13 cut-outs to draw the hexagon sizes, and 9 square cut-outs for square heads and nuts. Actual size 7-3/8" x 5". THICKNESS .030

No. 57R \$2.00

**No. 102D HEX TEMPLATE
Size: 2 3/4" x 2 3/8" x .020"**

No. 102D \$1.35

No. 201R DETAILER — Circles from 3/16" to 1" diameter, together with the plan and side elevations of all standard hexagon cap screws. 9" engineers scale on hypotenuse of 30-60° triangle. Laminated for absolute permanence. Holes individually milled and beveled, with allowance for pencil point.

THICKNESS .080

No. 201R \$3.35

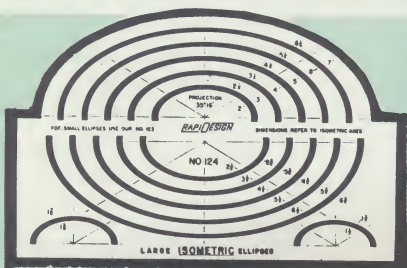
**No. 101D HEX TEMPLATE
Size: 3" x 3 1/2" x .020"**

No. 101D \$1.50



"Quality at the Right Price"

ELIPSE TEMPLATES

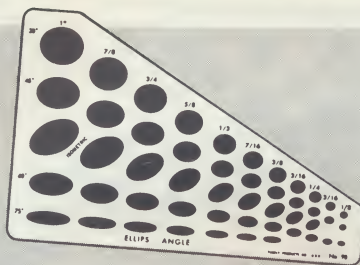


No. 124R LARGE ISOMETRIC ELLIPSES

Twenty-five ellipses—1-1/2" to 2" in increments of one-eighth inch, 2" to 7" in quarter inch increments. All these ellipses are drawn in halves and lined up on their large axes. Dimensions refer to isometric axes. Actual size is 10" x 6".

THICKNESS .080

No. 124R \$5.00

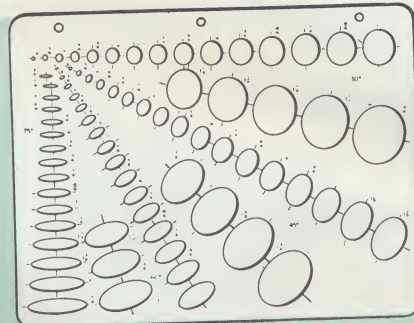


No. 90T ELLIPSE-ANGLE

A useful instrument for all drafting. Perfect for isometric and perspective. Can also be used as 30-60 triangle. Ellipse of circle tilted 30°-45°-60° and 75° 3/16" to 1" major axis.

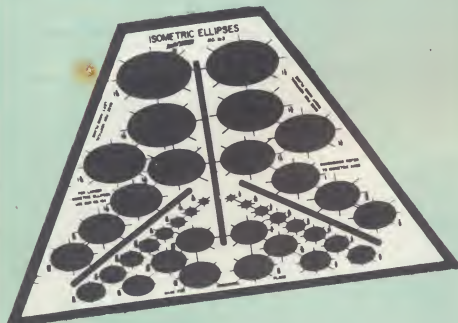
Sizes and angles, between those given, can be easily approximated by sliding template and drawing ellipse in 2 strokes.

No. 90T \$1.50



SMALL ELLIPSE— Projections of 30, 45, 60 and 75° all on one template. 30° ellipses from 1/4" to 1" increasing by 16ths, then by 8ths to 1 1/4". 45° ellipses from 1/4" to 1" increasing by 16ths, then by 8ths to 1 1/2". 60° ellipses from 1/4" to 1" increasing by 16ths, then by 8ths to 1 3/4". 75° ellipses from 1/4" to 1" increasing by 16ths, then by 8ths to 1 1/2". Overall size 8 1/2" x 11".

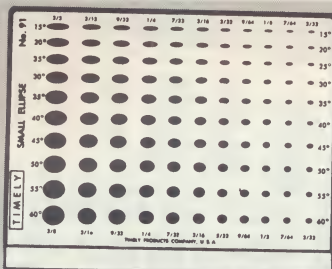
No. 333Y \$2.50



No. 123R ISOMETRIC TEMPLATE

38 Ellipses of 35° 16' from 1/8" to 1-9/16". Ingenious slot arrangement allows drawing of all three axes without turning the template.

No. 123R \$3.00



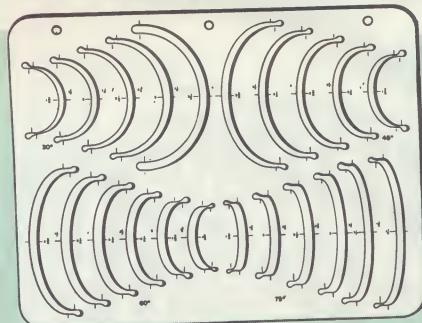
No. 91T

SMALL ELLIPSE TEMPLATE

Size 4 3/4" x 6"

110 Accurate Ellipses—Sizes 3/32" to 3/8". 15-20-25-30-35-40-45-50-55 and 60 degree projection. The tiny ellipses are perfectly aligned to nest together as template is moved along a straight-edge. Slide-easy lower edge strip.

No. 91T \$1.50



LARGE ELLIPSE— Projections of 30, 45, 60 and 75° all on one template. 30° ellipses include 1 1/4", 1 1/2" and 2" through 4" by quarters. 45° ellipses include 1 1/4", and 2" through 4" by quarters. 45° ellipses include 1 1/2", and 2" through 4" by quarters. 60° ellipses include 1 1/2", 1 3/4", 1 1/2", and 2" through 4" by quarters. 75° ellipses include 1 1/4", 1 1/2", 2" through 3 3/4" by quarters, 3 3/4" and 4". Complete ellipse is produced by turning template around. Overall size 8 1/2" x 11".

No.
334Y
\$2.50



No. 77R ELLIPSE MASTER

Projections of 25°, 35° 16', 45° and 60°. Contains 60 ellipses ranging in sizes from 1/4" to 1-3/8". Each ellipse precision milled to engraving machine accuracy. Size 5" x 10-7/16" THICKNESS .030

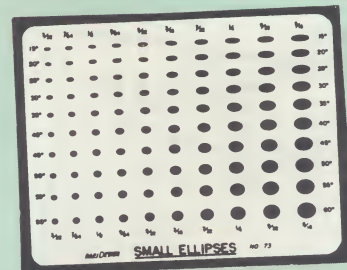
No. 77R \$2.50



No. 78R ELLIPSE MASTER

Projections of 20°, 30°, 40° and 50°. Contains 60 ellipses ranging in size from 1/4" to 1-3/8". Each ellipse milled to engraving machine accuracy. Size 5" x 10-7/16". THICKNESS .030

No. 78R \$2.50



NO. 73R SMALL ELLIPSES TEM-

PLATE—100 Ellipses. 10 projections from 15° to 60° in increments of 5° in ten sizes from 3/32" to 5/16".

Size 6" x 4-3/4" THICKNESS .020

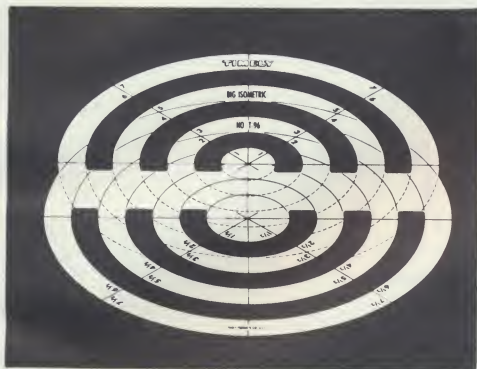
No. 73R \$2.50



"Quality at the Right Price"

ELLIPSE TEMPLATES AND COMPLETE SETS

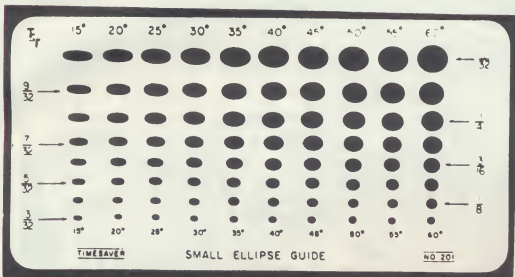
10 Templates 15° thru 60° for drawing ellipses 4 to 10 inches long*
deluxe vinyl case included



T-96 Big Isometric

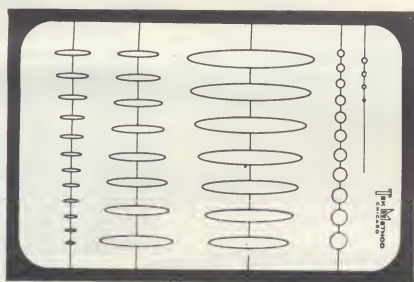
35°/16" semi-elliptical cut-outs marked 1" to 7 1/2" on isometric axes. Instructions included show how to draw perfect isometric ellipses ANY size between 1" and 7 1/2", using this template.

Size: 6 1/2" x 9 1/4" No. T-96 price \$2.00



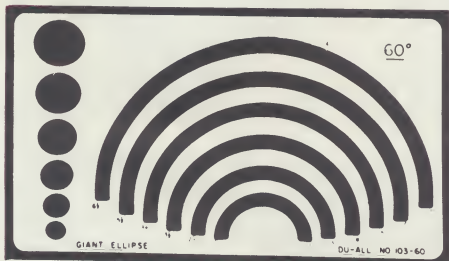
No. 201D ELLIPSE GUIDE

Contains 80 small ellipses from 15° through 60°. Milled from .020" matt finished green plastic. Size: 3" x 5 1/2" \$1.85 ea.



No. 155K Flat-Ellipse Guide

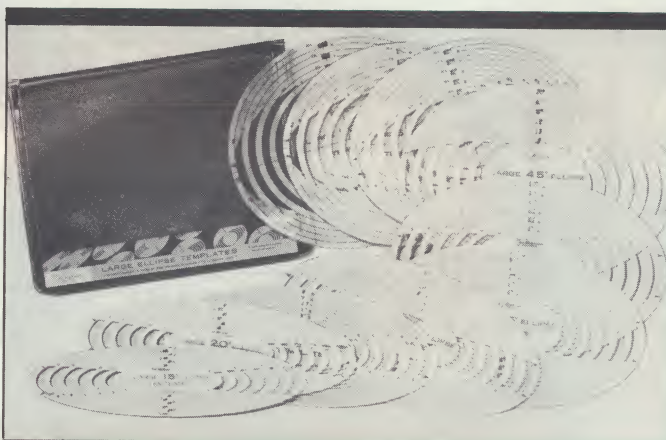
Contains 15 circles, 1/32" to 3/16" and 27 small ellipses, 1/8" to 1 5/8". Size: 3" x 4 3/4" \$1.50



No. 103 GIANT ELLIPSE GUIDES

Draw complete ellipses from 3/8" up to 7". Available in projections of 30° - 45° and 60°.

No. 103D (state projection)....\$1.50 ea.



No. 275K MASTER ELLIPSE TEMPLATE SET

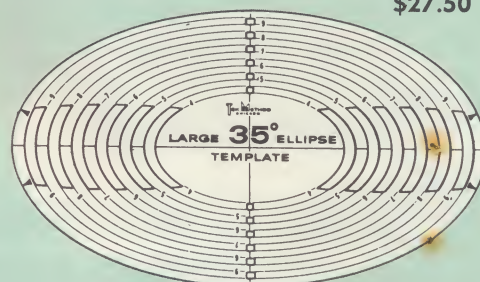
- Top quality .030" butyrate plastic
- Transparent blue printing on matte underside
- Cutouts are milled, not stamped
- Smooth-finished outer ellipse
- Templates are flexible, not stiff
- Ellipses drawn are symmetrical, without distortion
- Amazingly compact! Size of case is under 8 1/2 x 11

*Maximum length is 9 inches on 50°, 55° and 60°

No. 275K MASTER SET - \$27.50

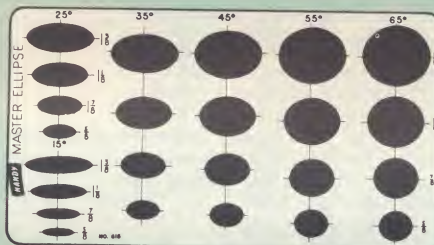
*10 Templates 15° thru 60° for drawing ellipses 4 to 10 inches long. Deluxe vinyl case included.

No. 15K	15° Ellipse	\$2.75 ea.
No. 20K	20° Ellipse	\$2.75 ea.
No. 25K	25° Ellipse	\$2.75 ea.
No. 30K	30° Ellipse	\$3.00 ea.
No. 35K	35° Ellipse	\$3.00 ea.
No. 40K	40° Ellipse	\$3.00 ea.
No. 45K	45° Ellipse	\$3.00 ea.
No. 50K	50° Ellipse	\$3.25 ea.
No. 55K	55° Ellipse	\$3.25 ea.
No. 60K	60° Ellipse	\$3.25 ea.



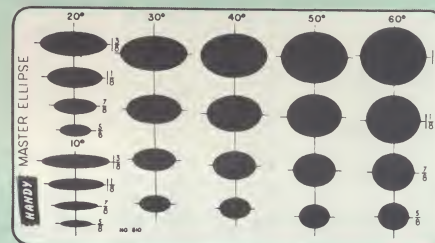
35° (ISOMETRIC) Large ellipse template - \$3.00

No. 615H MASTER ELLIPSES

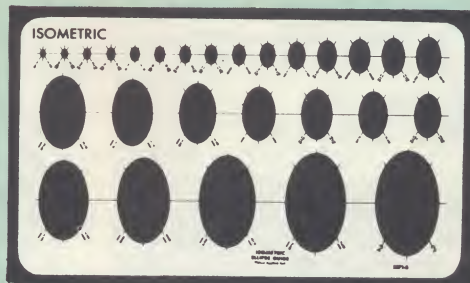


Projections of 15°, 25°, 35°, 45°, 55°, and 65° in sizes from 5/8" to 1 3/8". 24 ellipses. Green plastic 5" x 9" x .030" \$2.25

No. 610H MASTER ELLIPSES



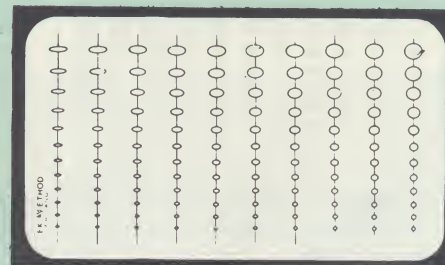
Projections of 10°, 20°, 30°, 40°, 50°, and 60°, in sizes from 5/8" to 1 3/8". 24 ellipses. Green plastic 5" x 9" x .030" \$2.25



No. 400D ISOMETRIC TEMPLATE

Contains ellipses from 1/8" to 2" in 1/16" and 1/8" increments. Size: 6" x 10"

\$1.85 ea.



No. 250K SMALL ELLIPSE GUIDE TEMPLATE

Projections of 15°, 20°, 25°, 35°, 40°, 45°, 50°, 55°, and 60° in sizes 1/16" to 1/4". 120 Ellipses.

Made of transparent yellow acetate .015" thick

Size: 3 1/2" x 6" \$2.50 each



No. 210D ELLIPSE GUIDE SET

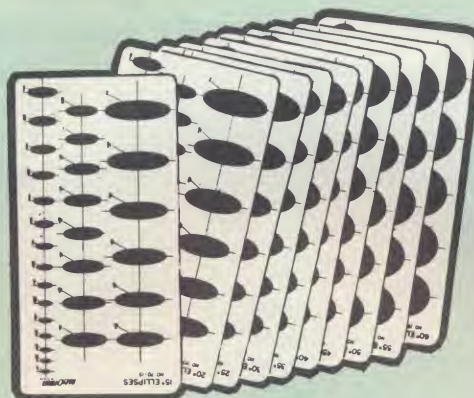
Complete set of 10 guides. Milled from .020" matt finished green plastic. Sizes: 2 7/8" x 4 3/4". **NO. 210D** \$8.50 Set
INDIVIDUAL GUIDES \$1.00 ea.

No. 310D ELLIPSE GUIDE SET

Twice the size of the No. 210 set. Imprinted with center lines and opening sizes. **NO. 310D** \$11.50 Set
INDIVIDUAL GUIDES \$1.35 ea.

No. 410D ELLIPSE GUIDE SET

Complete set of 10 guides as illustrated above. 26 ellipses from 5/32" to 2". **NO. 410D** \$16.00 set
Individual Guides 1.85 ea.



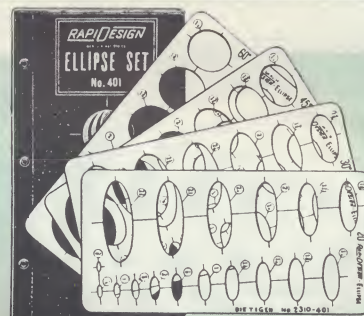
No. 70R ELLIPSE SERIES — 10

templates from 15° to 60° in increments of 5°. Major axes from 1/4" to 2". Size 5" x 9-7/8".

THICKNESS .030

Individual Templates — \$2.00 each

NO. 70R Set of Ten Templates — \$18.50



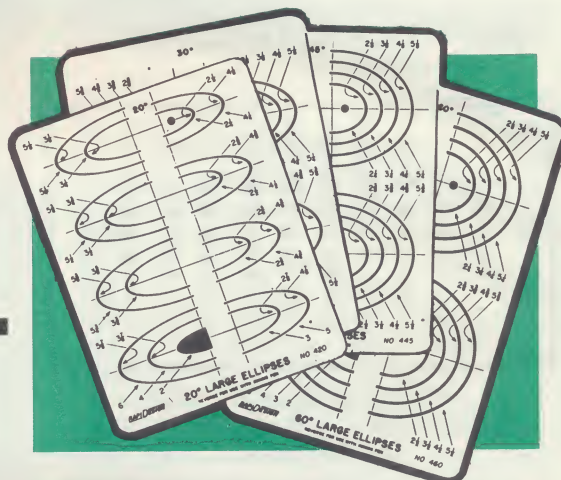
No. 401R ELLIPSE SETS

No. 401 ELLIPSE SET — Projections of 20, 30, 45 and 60°. Ellipse sizes are from 3/8" to 2-3/4", major axis. Sizes and center lines are detailed on negative side for permanence. Holes precision-cut with pencil point allowance. Size 4-3/4" x 9-3/4".

THICKNESS .030

Set of 4 — \$7.50
Separately — \$2.00

LARGE ELLIPSE TEMPLATES

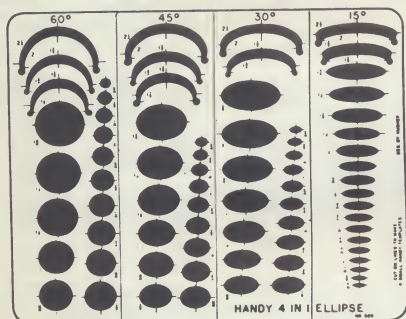


Each template consists of 33 ellipses, from 2" to 6", major axis in 1/8" increments. Bevel cut permits inking with tubular pen. Made of green-tinted .060 mathematical quality plastic.

—20° Projection
—30° Projection
—45° Projection
—60° Projection

Separately — \$4.00

NO. 400R Set consists of four templates **\$15.00**



No. 620H 4 IN 1 ELLIPSE TEMPLATE

Four complete templates in one. Sectionized into 4 degrees of 15°, 30°, 45°, and 60°. Each degree has a complete range of openings from 5/16" to 2-1/4", 21 ellipses for each degree. This template was designed to be cut apart with scissors should a smaller working size be preferred.

Size 11" x 8-1/2"

THICKNESS .030

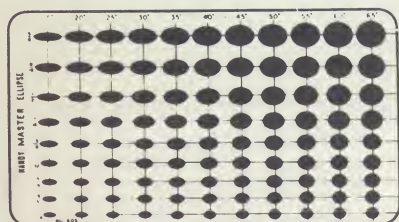
No. 620H \$3.95

No. 605H ELLIPSE TEMPLATE

Projections of 15°, 20°, 25°, 30°, 35°, 40°, 45°, 50°, 55°, 60°, and 65° in sizes from 1/4" to 5/8". 99 ellipses. Green plastic. Packaged in transparent envelope. Size 5" x 9"

THICKNESS .020

No. 605H \$3.00



COMPREHENSIVE ELLIPSE GUIDES NO. E-10C

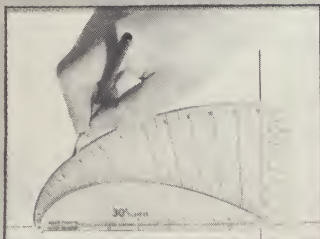
Set of 5 covers almost every need.

Set consists of 15, 30, 35, 45, and 60 degree ellipses.

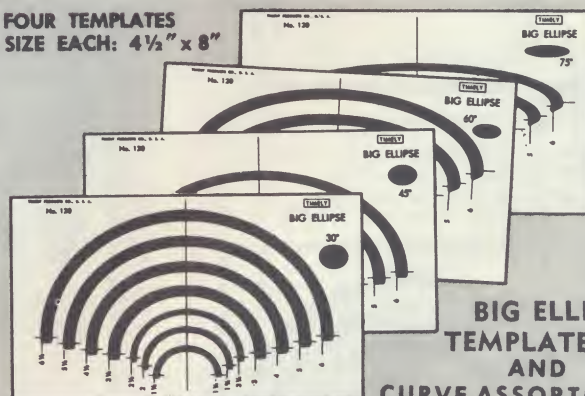
Each template permits drawing of 1/4" to 12" ellipse.

Made of non-inflammable, non-warping, and dimensionally stable material.

No. E10C \$8.00



FOUR TEMPLATES SIZE EACH: 4 1/2" x 8"



BIG ELLIPSE TEMPLATE SET AND CURVE ASSORTMENT

- 60 DIFFERENT CURVES
- MAKE PERFECT ELLIPSE with 1 1/4" to 6 1/2" major axis.
- 15°—30°—45°—60° projection.

Made of heavy gauge .030 stock with smooth milled edges. Has accurate, easy-to-read center locating lines.

All sizes of curves, and angles between, can be quickly approximated using the templates, and drawn with two or more settings.

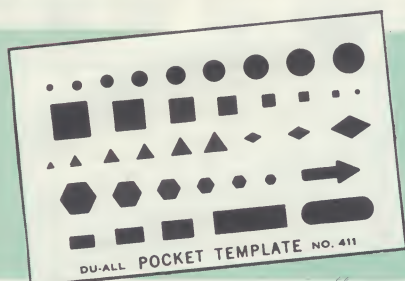
NO. 120T Big Ellipse Set

\$6.00



No. 180D BRACKET TEMPLATE 28 easy to draw brackets $\frac{1}{4}"$ to $2\frac{3}{4}"$. Size $4\frac{3}{4}"$ x $7"$ x $.030"$

No. 180D \$1.50



No. 411D POCKET TEMPLATE A "favorite" template because of the small shirt pocket size. $2\frac{1}{2}"$ x $3\frac{7}{8}"$ x $.030"$.

No. 411D \$.75



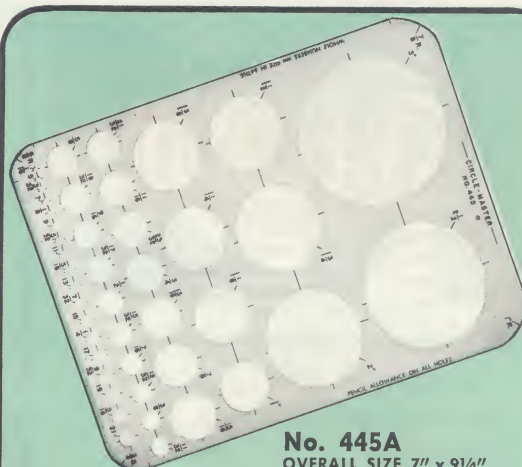
No. 370D CORNER RADIUS TEMPLATE Contains 32 small radii from $\frac{1}{16}"$ to $1\frac{1}{16}"$.

No. 370D \$1.00



No. 375D LARGE RADIUS TEMPLATE Contains 44 radii from $\frac{5}{16}"$ to $3"$. Size: $6"$ Dia.

No. 375D \$1.50



No. 445A
OVERALL SIZE $7" \times 9\frac{1}{4}"$

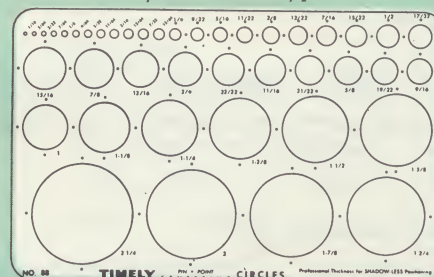
CIRCLE-MASTER-TEMPLATE®

Alvin's new Circle-Master. Forty-four circles are grouped in progressive sizes with increments in 64ths, 32nds, 16ths, 8ths, 4ths and halves of an inch. Circle diameter sizes are from $\frac{1}{16}"$ to $3"$. Alvin's Circle-Master Template is made of fine quality matte finish non-glare Acrylic Vinyl Plastic, .030 thick. It's rigid, durable and shatter-proof. All 44 circles are precision milled with allowance for pencil clearance of $\frac{1}{32}"$. Each circle size is clearly marked and all have center guide lines. This drawing instrument assures neat, accurate circles for the Draftsman, Engineer, Architect, Designer, and anyone else that needs to draw circles. Get the most versatile circle template made... TODAY!

No. 445A \$2.50

No. 88T Pin-Point Centering CIRCLES

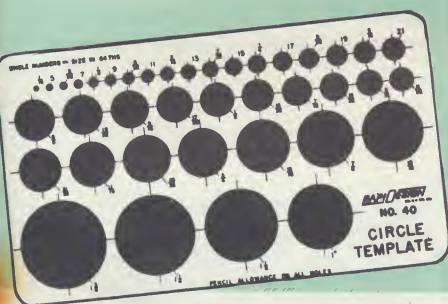
$\frac{1}{16}"$ thru $2\frac{1}{4}"$



- Pinhole centering for pinpoint precision. $\frac{3}{64}"$ dia. centering pinholes are permanent, accurate, unvarying — and they are easy to line up.
- Optical quality thin sheet plastic gives you accurate, shadowless positioning. (Positioning is the exacting part of using any template.)
- Actual diameter is shown for each circle, and they are easy to read. No coded numbers which must be converted to be understood.

Size: $6\frac{1}{4}" \times 9\frac{3}{4}"$

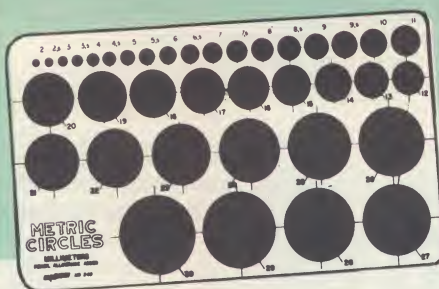
No. 88T \$1.50



No. 40R CIRCLE TEMPLATE

Circle diameter sizes are from $\frac{1}{16}"$ to $1\frac{1}{32}"$ in increments of $\frac{1}{64}"$ of an inch; from $\frac{3}{8}"$ to $\frac{3}{4}"$ in increments of $\frac{1}{32}"$ of an inch; from $\frac{7}{8}"$ to $1"$ in increments of $\frac{1}{16}"$ of an inch; from $1\frac{1}{8}"$ to $1\frac{3}{8}"$ in increments of $\frac{1}{8}"$ of an inch. The four corners of the template are cut to give radii of $\frac{1}{16}"$, $1\text{-}\frac{3}{16}"$, $1\text{-}\frac{7}{16}"$ and $1\text{-}\frac{15}{16}"$ diameters. Size $4" \times 7"$ THICKNESS .030

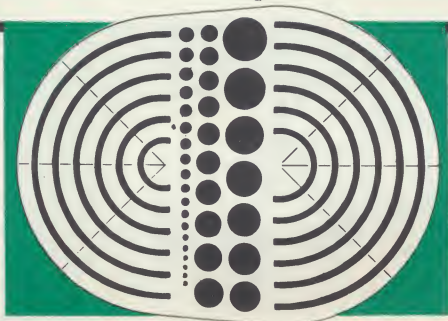
No. 40R \$1.00



No. 240R METRIC CIRCLES TEMPLATE

The No. 240R Metric Circles Template contains thirty-seven circles from 2 to 30 millimeters in diameter. Circles from 2 to 10 mm. are in increments of .5 mm., and from 11 to 30 mm. in increments of 1 mm. All circles are precision milled with allowance for pencil point to assure the utmost accuracy. Size $7" \times 4"$. THICKNESS .030

No. 240R \$1.00

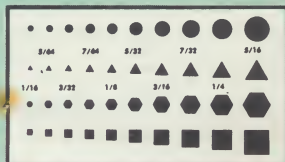


Circle Radius Master

7 1/2" x 10" x .080"

62 sizes radii and circles for use with pen or pencil, **No. 202H** contains 36 complete circles. **\$2.00**

SMALL SHAPES TEMPLATES



Circles — Deltas — Hexagons — Squares 1/16" through 5/16".

Size: 3" x 3 1/2" **No. T-41** price 35¢ ea.



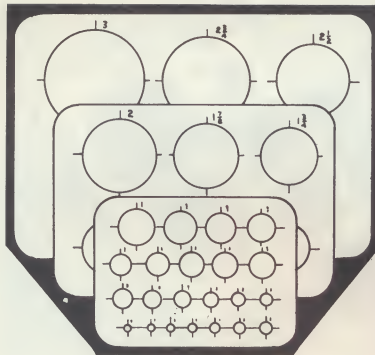
No. 658H

MATH SYMBOL TEMPLATE

This Template contains many math symbols used in mathematical and chemical formulae.

Size 3" x 5"

THICKNESS .030 **No. 658H** **\$1.75**



No. 404A

CIRCLE-GUIDE SET

- Eliminates compass holes in drawings
- Templates insure uniform reproduction
- Circles made quickly, easily and accurately
- 50 circle diameter sizes from 1/16" to 3" with 12 corner radii
- A most versatile circle template set available in one handy folio

A complete circle guide set to permit a wide range of the most popularly used increments divided into three separate circle guide templates: Small, Medium and Large.

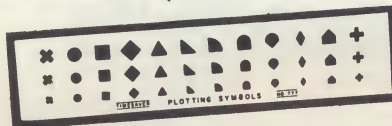
THE SMALL TEMPLATE allows accurate circles to be drawn in increments from 16ths to 1", 32nds to 3/4", 64ths to 11/32"

THE MEDIUM TEMPLATE allows accurate circles to be drawn in 1/8" increments from 1/8" to 2" in 1/4" increments from 1/4" to 2".

THE LARGE TEMPLATE allows accurate circles to be drawn in 1/8" increments from 2 1/4" to 2 3/4" in 1/4" increments from 2 1/4" to 3".

Templates are made of matte finish, non-glare acrylic vinyl plastic .030 thick. Rigid, durable. All three circle guide templates are supplied in a pocket-type card folio for convenience and easy handling.

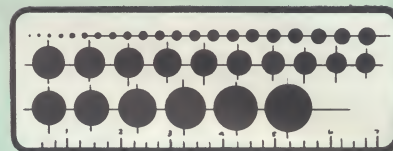
No. 404A **\$4.00**



No. 777D PLOTTING SYMBOLS

Required by Data Deduction and Flight Test Engineers. Three symbol sizes: 1/8", 3/16" and 1/4". Slip-on edges provided for inking.

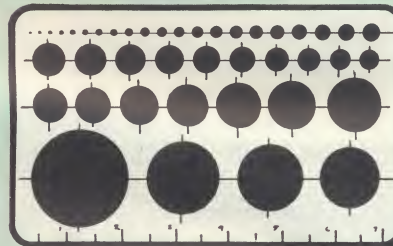
\$1.50 ea.



NO. 425
JR. CIRCLE-GUIDE

Contains 37 precision milled circles ranging in sizes from 1/32" to 1" in diameter. Each circle size is clearly marked; all have center guide lines. Top leading edge of template is a 7" scale, graduated in 16ths. Bottom leading edge is graduated up to 18 centimeters. Fine quality matte finish non-glare tinted green vinyl plastic .030 thick. Overall size 8" x 2 3/4". Pocket size circle template packaged in polyethylene sheath.

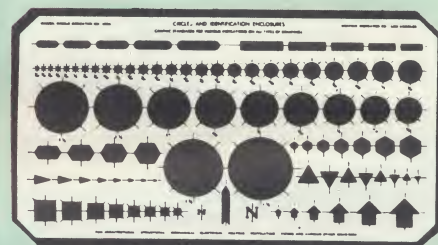
No. 425A **\$.75**



NO. 435
SR. CIRCLE-GUIDE

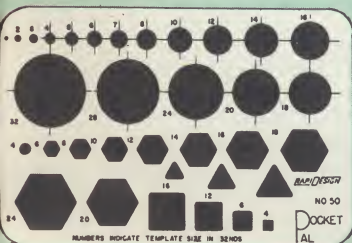
Contains 42 precision milled circles ranging in sizes from 1/32" to 2" in diameter. Each circle size is clearly marked; all have center guide lines. Top leading edge of template is 7" scale, graduated in 16ths. Bottom leading edge is graduated up to 18 centimeters. Right and left edges of template contain 10ths and 50ths engineering graduations. Fine quality matte finish non-glare tinted green vinyl plastic. .030 thick. Overall size 8" x 4 3/4". Individually packaged in polyethylene sheath.

No. 435A **\$1.00**



NO. 1002-C
CIRCLES AND IDENTIFICATION ENCLOSURES
SIZE 5 1/2" x 9 1/2" FULL SIZE

No. 1002C **\$3.95**



No. 50R POCKET PAL — The most useful circles; hexes, deltas and squares. Clearly marked for maximum visibility and speed. Cut-outs scaled from 1-1/16" up to 1". Size 3-5/16" x 5", with rounded corners.

THICKNESS .030

No. 50R **\$1.00**

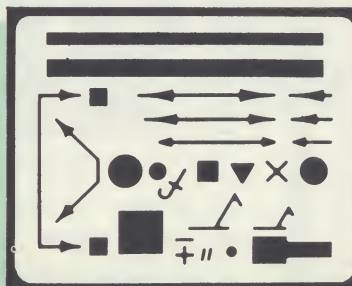


No. 51R TRIANGLE and DIAMOND TEMPLATE

26 Triangles from 3/32" to 1". 3/32" to 3/4" in increments of 1/32. 13/16" to 1" in increments of 1/8". 7 Diamonds from 1/4" to 1" in increments of 1/8". Diamonds up to 2" may be made by using triangles back to back. Size 4" x 7-1/4".

THICKNESS .030

No. 51R **\$1.50**



No. 60R DIMENSIONER

For dimensioning, call outs, and printing. Neatness and uniformity in the drawing of micro-finish, machine-finish, plus or minus tolerance symbols, sectional arrows, zone square, dash-number arrow & circle, and other call out symbols. Edges of symbol cut-outs are beveled. Size 4" x 3-1/2".

THICKNESS .040

No. 60R **\$1.00**



No. 10R PARALLEL SPACER

To draw straight or curved lines at a desired distance parallel to the edge of a T-Square, straight edge, French or other type curve. 14 gradations from .025 to .375.

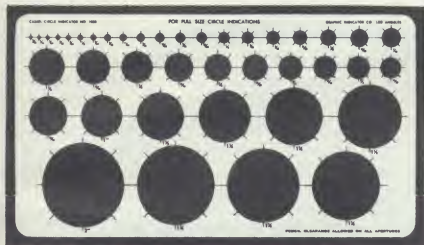
THICKNESS .030

No. 10R **\$1.50**



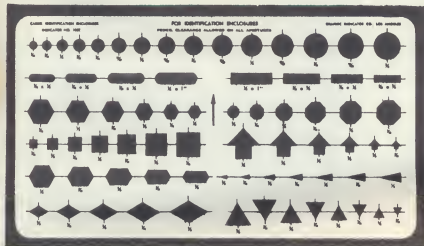
"Quality at the Right Price"

GENERAL TEMPLATES



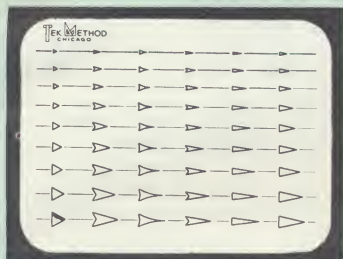
No. 1005-C CIRCLE INDICATOR

SIZE 5 5/8" x 9 7/8" FULL SIZE PRICE \$3.95



No. 1007-C IDENTIFICATION ENCLOSURES INDICATOR

SIZE 5 5/8" x 9 7/8" FULL SIZE PRICE \$3.95



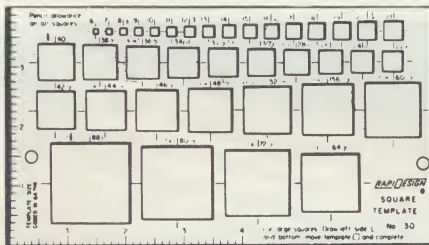
No. 150K ARROW GUIDE TEMPLATE

54 Arrows
Size: 3-1/2" x 4"

\$1.50 ea.

TIMELY TEMPLATE EDGE

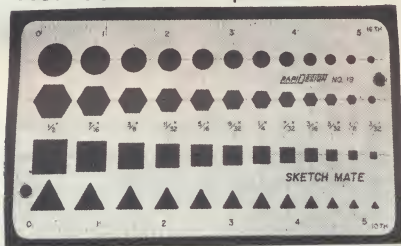
No. 15-7 Template Edge 7" long.10 Each
No. 15-9 Template Edge 9 1/2" long.15 Each



No. 30R SQUARE TEMPLATE

Square sizes are from 1/16th to 11/32nds in increments of 1/64th of an inch; from 3/8ths to 3/4ths in increments of 1/32nds of an inch; from 7/8ths to 1 inch in increments of 1/16th of an inch; from 1-1/8th to 1-3/8ths in increments of 1/8th of an inch. Squares up to 4" may be constructed by using the sides. Size 4" x 7-1/4".

No. 30R \$1.00



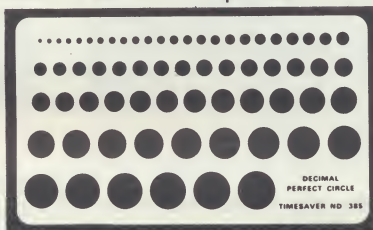
NO. 19R SKETCH MATE —

Circles, Hexagons, Squares and Triangles from 3/32" to 1/2". Two 5" Scales in 10ths and 16ths.

Sizes 5-3/4" x 3-1/4"

THICKNESS .030

No. 19R \$1.50

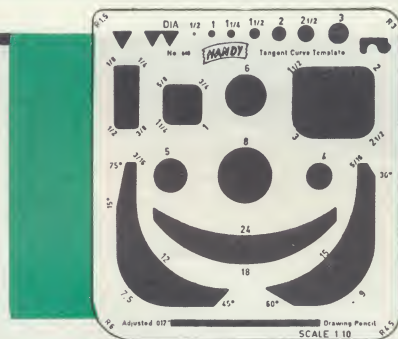


No. 385D DECIMAL CIRCLE (Decimal Inches)

66 Perfect Circles (die punched for absolute accuracy) from .100 to .500 in increments of .010", from .500 to 1.000 in increments of .020".

Size: 5 1/2" x 9 1/2"

\$1.85 ea.



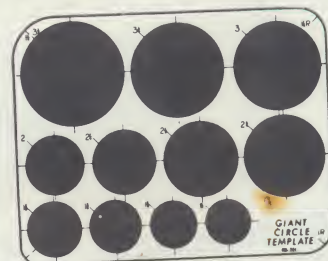
No. 640H Tangent Curve Template

A must for draftsmen. Scale 1:10

4 1/2" x 4 3/4" x .030".....\$1.50

LARGE PERFECT CIRCLE Template

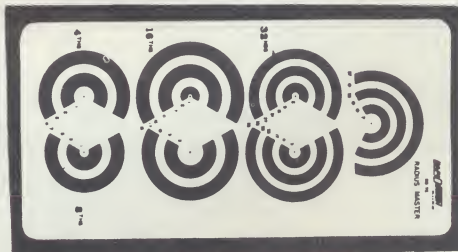
No. 585D \$1.50



Complete Circles, Ranging in size from 1 1/2" to 3 1/2" inclusive. Green plastic.

8 1/2" x 11" x .030"

Eleven large PERFECT circles

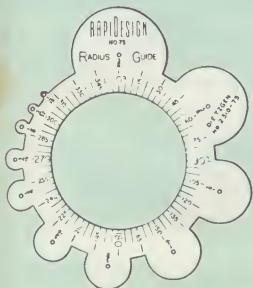


No. 76R RADIUS MASTER —

Radii up to 37/32 by 1/32 increments. Radius point automatically and precisely located by the center holes serving the particular radius. Size of template 4-3/4" x 9-3/4"

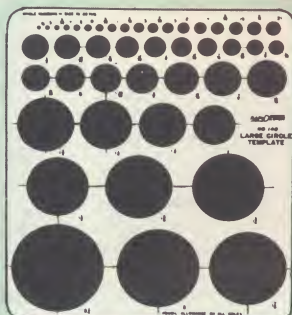
THICKNESS .030

No. 76R \$1.50



No. 75R RADIUS GUIDE — Quick, accurate way to describe radii from 1/16" up to 3/4". Center is located automatically when the instrument is placed tangent to the two lines to be joined. Size 4-1/2" approx. THICKNESS .030

No. 75R \$.75



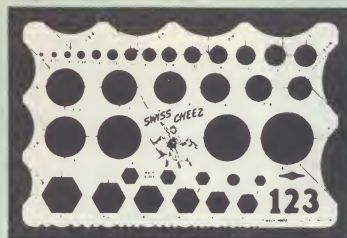
No. 140 LARGE CIRCLE TEMPLATE —

Contains 45 circles, diameter size 1/16" to 2-1/4" in varying increasing increments.

Size 7-1/4" x 8-1/4".

THICKNESS .030

No. 140R \$2.00

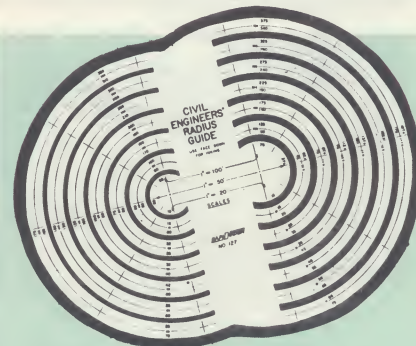


No. 100T SWISS CHEEZ

TABLES ON ENVELOPE SHOW SIZES IN ARCHITECT'S SCALE, DECIMALS AND METRIC. ALSO HANDY TABLE OF BOLT & NUT DIMENSIONS.

★ Full Circles 1/4" to 1 1/2" Diameter
★ Quarter Circles to 2 1/4" Diameter
★ Full Size & Half Size Hexagons

No. 100T \$1.25



No. 127 CIVIL ENGINEERS' RADIUS GUIDE —

26 radii can be drawn and 12 additional radii can be used for center locating. Markings are in scale of 20', 50' and 100' to the inch.

Sizes 9-1/2" x 7-1/2"

THICKNESS .060

No. 127R \$3.50

LETTERING GUIDE TEMPLATES AND LETTERING TEMPLATE SETS

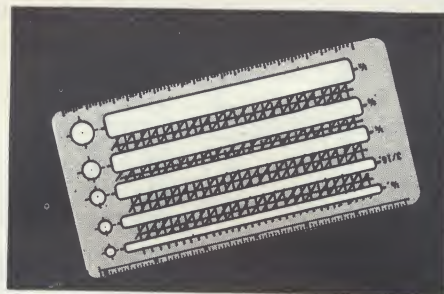


No. 940R HI-LO LETTER SET.

Upper and lower case slant letters and numerals.

NO. 944R — 1/8" Separately — \$2.00
NO. 946R — 3/16" Set of 3 in folio \$5.50
NO. 948R — 1/4"

Size 7" x 2 1/4"
THICKNESS .030



No. 16-1 — 1/8" LETTERING GUIDE

A practical template consisting of 22 parallel slots seven inches long for quickly laying out uniform rows of guide lines for 1/8" high characters without changing position of template. Template may be used as a convenient hand rest avoiding smudges when extensive lettering is required.

Size: 6 3/4" x 8".

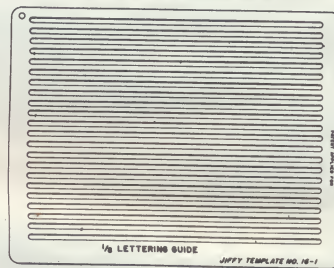
No. 16-1J\$2.75

No. 16-2 — 3/16" LETTERING GUIDE

Template is similar to No. 16-1 except slots provide guide lines for 3/16" lettering.

Size: 6 3/4" x 8".

No. 16-2J\$2.50



No. 16-3 — 1/4" LETTERING GUIDE

Template is similar to No. 16-1 except slots provide guide lines for 1/4" lettering.

Size: 6 3/4" x 8".

No. 16-3J\$2.25

ALPHABET TEMPLATE

FOR PEN OR PENCIL

PRODUCES 3/8" BLOCK LETTERS,



A300 OVERALL SIZE 6 3/8" x 3 1/2"

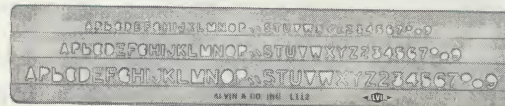
- Made of durable acrylic green-tinted eye-eze plastic.
- Precision smooth cut finish edges. .060 thick.
- Useful symbols and space slots for rapid drawing.
- Excellent results with pen or pencil.
- Make signs, posters, drawings, etc. with uniformity and ease.

Supplied in Transparent Plastic Sheath

A 300 only \$1.25

SPEED-LETTERING GUIDE

FOR PEN, PENCIL OR STYLUS
WITH VERTICAL UPPER CASE LETTER



L112 OVERALL SIZE 9 1/2" x 1 7/8"

- Durable acrylic, green tinted plastic. .050 thick.
- Compact guide with three popular lettering and numbering sizes — 1/8", 3/16" and 1/4".
- Strong and flexible acrylic plastic.
- Recessed design prevents ink smears, produces neat, speedy, uniform lettering with pen or pencil.
- Convenient letter arrangement for professional results.

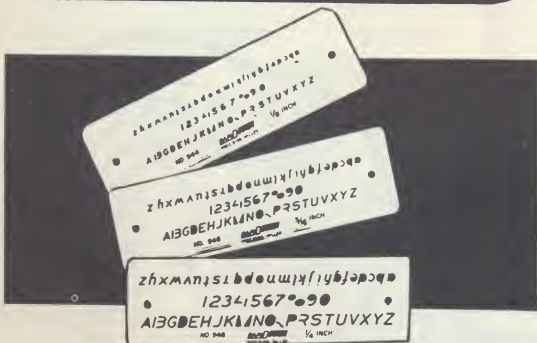
Supplied in transparent Plastic Sheath L112 only \$1.75

No. 160G GREEK LETTERING GUIDE

1/8" upper and lower case Greek letters . . .

Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π
α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ

No. 160G \$2.20

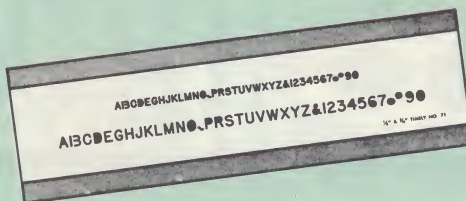


NO. 930R SLANT LETTER SET

Letters are 15° slant from the vertical

NO. 934R — 1/8" Price
NO. 936R — 3/16" Set of 3 — \$4.00
NO. 938R — 1/4" Separately \$1.50

Actual size 6-7/8" x 1-7/8"
THICKNESS .030

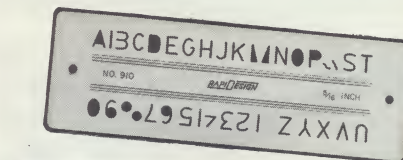


No. 71T Lettering Template

Complete single stroke alphabet and numerals 1/8" and 3/16" high. Slide-easy edge strips for work on straight-edge. No guide lines needed. For pencil or pen.

Size: 2 1/2" x 9" MILLED CUT-OUTS

No. 71T \$2.50



NO. 910 — 5/16" \$1.50 EA.

NO. 912 — 3/8" \$1.50 EA.

THE ALPHABET FROM A TO Z

—Plus the Numerals.

Size 7" x 2 1/4".

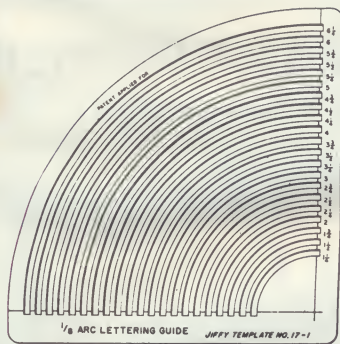
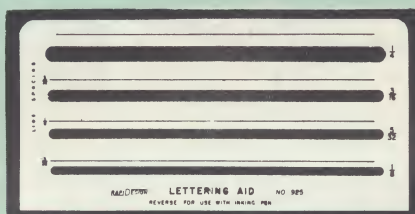
THICKNESS .030

No. 910R.....\$1.50...EA.

No. 925R LETTERING AID—Slots for letter sizes 1/8", 5/32", 3/16" and 1/4". Printed guide lines for equi-distant spacing. Size 6-13/16" x 3-5/16".

THICKNESS .040

No. 925R \$1.50



No. 17-1J \$2.75

No. 17-1 — 1/8" ARC LETTERING GUIDE

A new kind of lettering guide that provides arc slots for quickly laying out guide lines for 1/8" high characters on a curve. Template may also be used for drawing large circles greater than 12" in diameter in increments of 1/8".

Size: 7 1/2" x 7 1/2".

No. 17-2 — 3/16" ARC LETTERING GUIDE

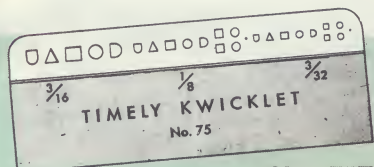
A template similar to No. 17-1 except arc slots are in increments of 3/16".

No. 17-2J \$2.50

No. 17-3 — 1/4" ARC LETTERING GUIDE

A template similar to No. 17-1 except arc slots are in increments of 1/4".

No. 17-3J \$2.25



No. 75T

**No. 75T
MIDGET SPEED-LETTERING GUIDE**

Hardwood and plastic construction. Characters are skeletonized with only 5 simplified but-outs. Makes 3 sizes and fractions. Results look like excellent free-hand lettering—plus uniformity and speed. Complete instructions for use are included.

No. 75T \$1.00

No. 30D PARALLEL GUIDE

To facilitate the drawing of lettering guide line sizes of 3/32", 5/32", and 7/32". Size 5 1/2" x 2 1/4" x .030".

.75 EA.

No. 31D PARALLEL GUIDE

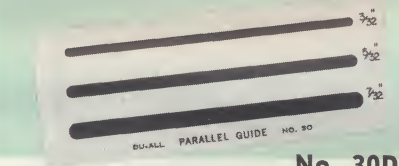
Same as No. 30 D except with openings of 1/8", 3/16" and 1/4".

.75 EA.

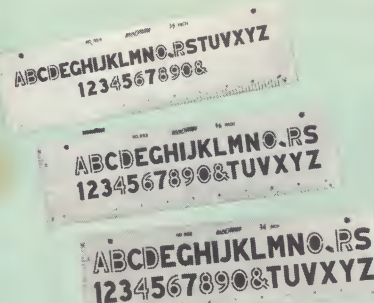
No. 32D PARALLEL GUIDE

Same as No. 30 except with openings of .16, .25 and .38.

.75 ea.



No. 30D



NO. 950 LETTERING SET

The alphabet in neo-gothic type.

No. 954 — 1/2"

No. 955 — 5/8"

No. 956 — 3/4" Set of 3 — \$7.00

Size 11 1/2" x 3 3/4"

Thickness .030

No. 950R \$7.00

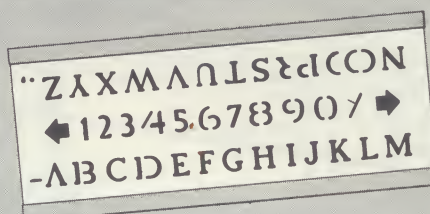


No. 135R ALPHABET TEMPLATE

Block letters 3/8" high with three lettering guide slots for free hand lettering. Actual size 6-1/4" x 3-3/4"

POLYSTYRENE

No. 135R \$1.50



ALPHABET TEMPLATES

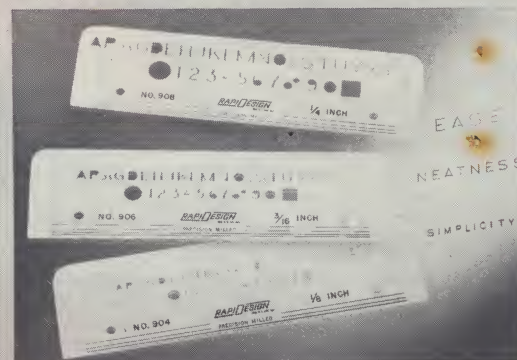
Made of optical quality thin sheet plastics. Much easier to position than any other template. For use with pencil, mimeo stylus, ball point pen or ball pencil. Each is equipped with two slide-easy edge strips. You letter complete without moving straight-edge and without guide lines.

No. 110T-1/4 for characters 1/4" high.

No. 110T-3/8 for characters 3/8" high.

No. 110T-1/2 for characters 1/2" high.

No. 110T \$1.50 EA.



No. 900R LETTERING SET

The Alphabet in modern type from A—Z plus the numbers.

No. 904—1/8"

No. 906—3/16"

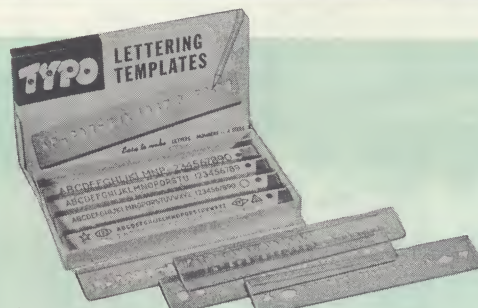
No. 908—1/4" Actual size 6-7/8" x 1-7/8"

THICKNESS .030

No. 900R \$4.00 SET

Set of 3 — \$4.00

Separately — \$1.50



**NO. 700T
TYPO LETTERING TEMPLATES**

Template Size (each): 1 3/8" x 9"

Character Heights: 1/8", 3/16", 1/4", and 5/8".

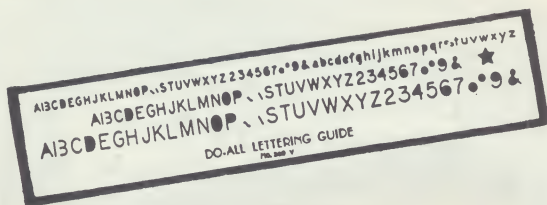
A set of 4 transparent plastic templates for drafting, office forms and bulletins, or hobby work. Lettering is easy and rapid with pencil or mimeo stylus. Complete directions are printed on the box.

No. 700T \$2.50



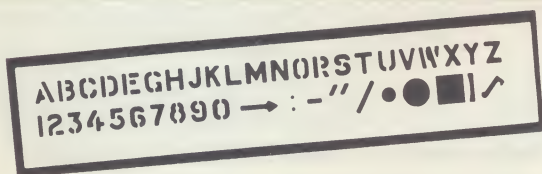
"Quality at the Right Price"

ALPHABET AND LETTERING TEMPLATES



- No. 160V — VERTICAL LETTERING GUIDE—
For very small lettering, $\frac{3}{32}$ "
Upper and lower case letters, $\frac{5}{32}$ " and $\frac{3}{16}$ "
Upper case letters and numerals
size: $9\frac{3}{4}$ " x $1\frac{1}{8}$ " x .020\$2.60
- No. 160S — SLANT LETTERING GUIDE — Same as
160V but with slant letters\$2.60
- No. 260V — VERTICAL LETTERING GUIDE—For per-
fect pencil lettering $\frac{1}{8}$ ", $\frac{3}{16}$ " and $\frac{1}{4}$ "
upper case letters and numerals on one
guide, size: $9\frac{3}{4}$ " x $1\frac{1}{8}$ " x .020\$2.20
- No. 260S — SLANT LETTERING GUIDE — Same as
260V but with slant letters\$2.20
- No. 360V — VERTICAL LETTERING GUIDE — Same as
260V but with $\frac{1}{8}$ " lower case letters
added\$2.60
- No. 360S — SLANT LETTERING GUIDE — Same as
360V but with slant letters\$2.60
- No. 460V — VERTICAL LETTERING GUIDE — For $\frac{3}{8}$ "
letters and numerals,
size: $9\frac{3}{4}$ " x $1\frac{1}{8}$ " x .020\$1.50
- No. 460S — SLANT LETTERING GUIDE—Same as No.
460V but with slant letters\$1.50
- No. 560V — VERTICAL LETTERING GUIDE — For $\frac{5}{8}$ "
letters and numerals,
size: $14\frac{1}{2}$ " x $2\frac{1}{2}$ " x .020\$1.75
- No. 560S — SLANT LETTERING GUIDE—Same as No.
560V but with slant letters\$1.75
- No. 1260V — VERTICAL LETTERING GUIDE—Same com-
bination as No. 260V except openings
are larger to accommodate inking pen
and equipped with raised guide edges
to prevent smearing\$2.40
- No. 1260S — SLANT LETTERING GUIDE—Same as No.
1260V but for slant lettering\$2.40

NOTE!! All of the above guides can be used for inking by using our slip-on plastic edge.



- No. 760-V LETTERING GUIDE**
 $\frac{3}{8}$ " block letters SIZE: $9\frac{3}{4}$ " x $1\frac{1}{8}$ " x .020 \$1.50
- No. 860-V LETTERING GUIDE**
 $\frac{3}{8}$ " block letters SIZE: 14 " x $2\frac{1}{4}$ " x .020 \$1.75

Freehand Lettering Guide



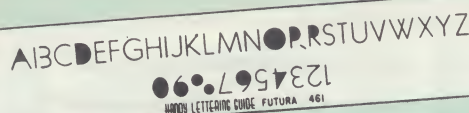
check these
additional features:

Guides for $\frac{3}{32}$ ", $\frac{3}{16}$ ",
 $\frac{1}{4}$ " lettering, including cap-
itals.

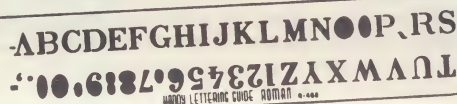
17 guide holes give accurate
spacing for horizontal lines
from $\frac{1}{16}$ to 1 inch apart.

Guide slot gives accurate
angle for either 75° or $67\frac{1}{2}^\circ$
italic letters.

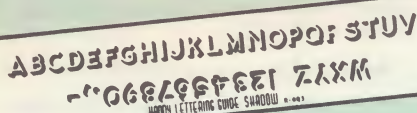
$9\frac{3}{4}$ " x 2 " x .050 "..... No. 10H \$1.00



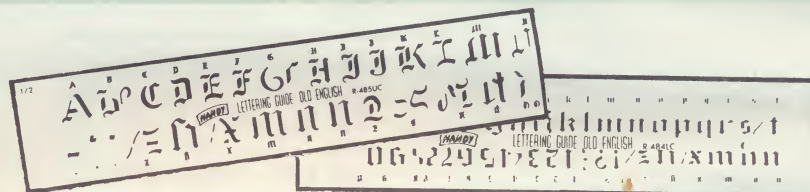
ABCDEFGHIJKLMN 1234567890
H451 Futura Lettering Guide $\frac{1}{4}$ ".....\$1.75



ABCDEFGHI 123456789
H458 Roman Lettering Guide $\frac{1}{4}$ ".....\$1.95



ABCDEFGHIJK 123456
H453 Shadow Lettering Guide $\frac{1}{4}$ ".....\$1.95



ABCDabcd56

- H464-LC Old English Lettering Guide $\frac{3}{8}$ " 2.25
- H465-UC Old English Lettering Guide $\frac{3}{8}$ " 2.25
- H484-LC Old English Lettering Guide $\frac{1}{2}$ " 2.50
- H485-UC Old English Lettering Guide $\frac{1}{2}$ " 2.50

LC = Lower case letters
UC = Upper case letters

V = Vertical letters
S = Slanting letters



No. 101 Edge Strips

For templates or letter guides. Easily affixed to edge
of template to prevent slipping under raised T square.
For best results use strips on both sides, when inking.
For .020 to .030 templates.
10" length 101H price \$1.20 doz.



No. 125 Ink Riser Template

Simply use the Ink Riser as a spacer between your
paper and template. Thus raising the template surface
so the ink will not smear.

3 " x 6 " x .030" 125H50 EA.



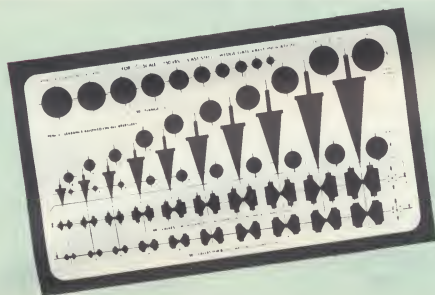
"Quality at the Right Price"

PIPING & VALVE TEMPLATES



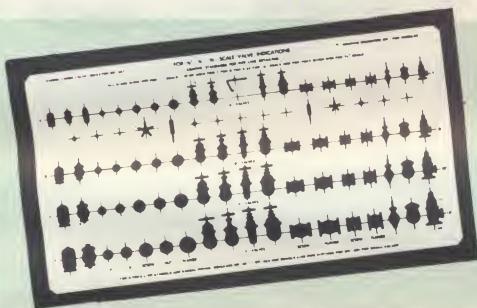
**CASSEL GATE VALVE
INDICATOR No. 277C**

$\frac{3}{8}$ " SCALE PRICE \$3.95



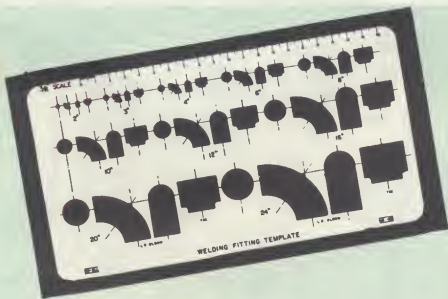
**CASSEL GATE VALVE
INDICATOR No. 275C**

$\frac{3}{8}$ " SCALE PRICE \$3.95



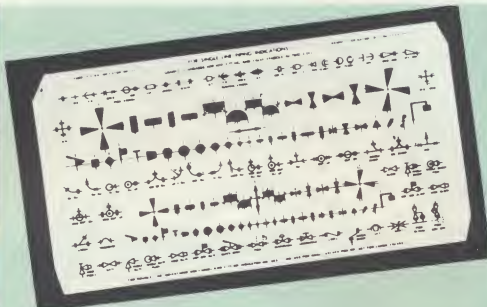
NO. 257 - C LARGE VALVE INDICATOR
SIZE $5\frac{1}{2}$ " x $9\frac{7}{8}$ " SCALE $\frac{1}{4}$ "

No. 257C \$3.95



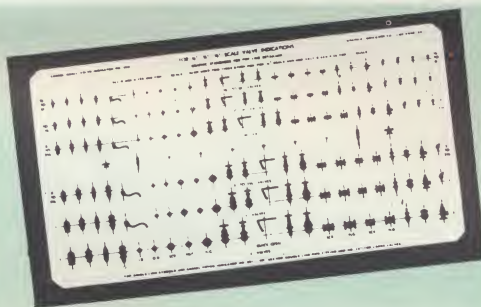
**NO. 455D WELDING FITTING TEM-
PLATE.** Accurate O. D. cutouts of 10
pipe sizes, 2" to 24", at a scale of $\frac{3}{8}$ ".
Size $9\frac{3}{8}$ " x 5" x .030".

No. 455D \$1.85



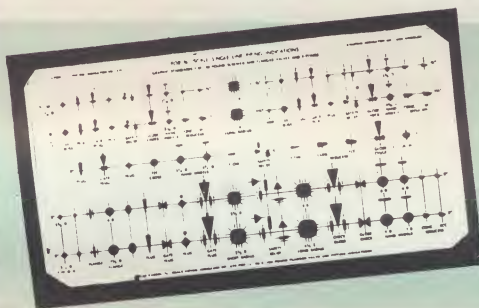
NO. 251 - C SCHEMATIC PIPING INDICATOR
SIZE $5\frac{1}{2}$ " x $9\frac{7}{8}$ " SCHEMATIC

No. 251C \$3.95



NO. 255 - C SMALL VALVE INDICATOR
SIZE $5\frac{1}{2}$ " x $9\frac{7}{8}$ " SCALE $\frac{1}{4}$ "

No. 255C \$3.95



NO. 271 - C $\frac{3}{8}$ " SCALE PIPING INDICATOR
SIZE $5\frac{1}{2}$ " x $9\frac{7}{8}$ " SCALE $\frac{3}{8}$ " SCHEMATIC

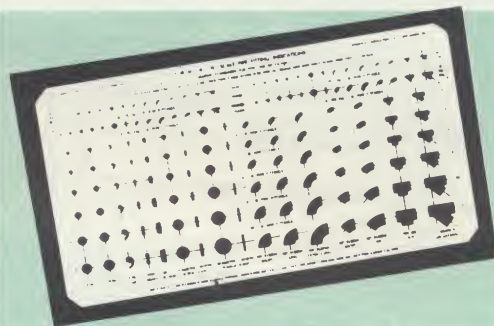
No. 271C \$3.95



No. 456D PIPING TEMPLATE

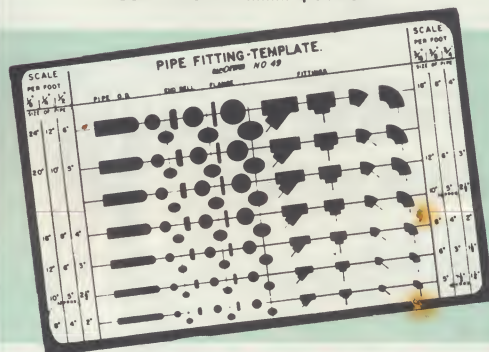
A most comprehensive piping template, containing
cut-outs of all views of nine pipe sizes at a $\frac{3}{8}$ "
scale. Size 5" x 10".

No. 456D \$3.85

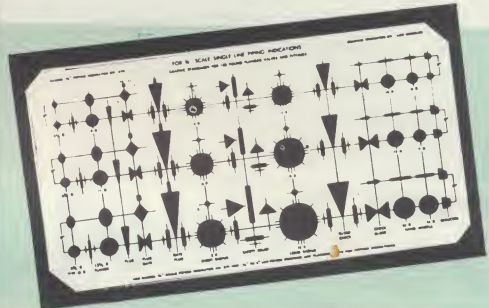


NO. 253 - C PIPE FITTING INDICATOR
SIZE $5\frac{1}{2}$ " x $9\frac{7}{8}$ " SCALE $\frac{1}{4}$ "

No. 253C \$3.95

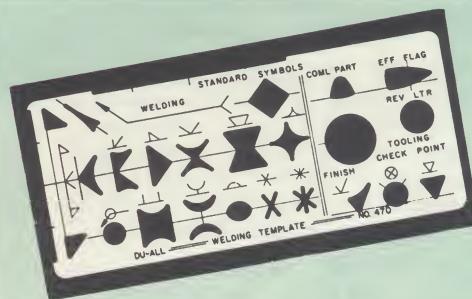


**No. 49R PIPE FITTING
TEMPLATE** For Layout and detail
drawings of Piping Systems. Size 8" x $5\frac{1}{4}$ ".
THICKNESS .030 **NO. 49R \$2.50**



NO. 273 - C $\frac{3}{8}$ " SCALE PIPING INDICATOR
SIZE $5\frac{1}{2}$ " x $9\frac{7}{8}$ " SCALE $\frac{3}{8}$ " SCHEMATIC

No. 273C \$3.95



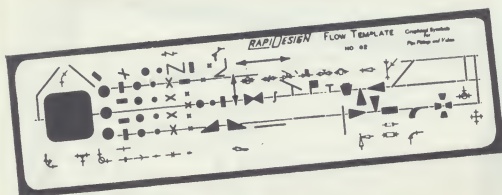
No. 470D STANDARD WELDING SYMBOLS
Plus other aircraft plant symbols. Size: $2\frac{1}{2}$ " x $5\frac{1}{2}$ "

No. 470D \$1.50



"Quality at the Right Price"

PROCESSING TEMPLATES AND INSTRUMENT SYMBOLS

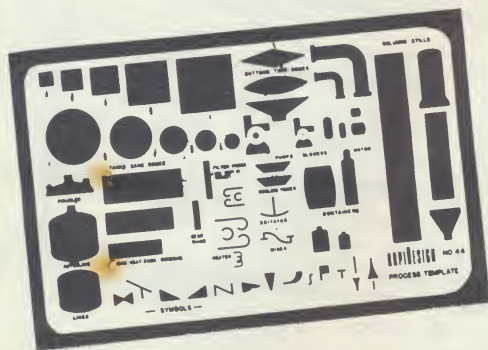


No. 42R FLOW TEMPLATE

For pipe and plumbing layout—gas, oil, water or chemical. Group configurations can be constructed by merely sliding the instrument along the straight edge. Laminated. Edges of all symbol cut-outs are beveled. Size 3" x 10"

THICKNESS .040

No. 42R \$3.50

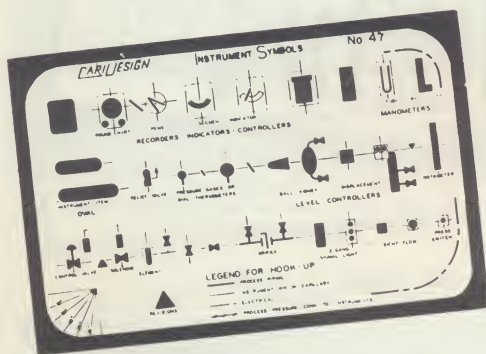


No. 44R PROCESS TEMPLATE

For the depiction of flow sheet diagrams in the chemical, foods, petroleum, plastic and allied industries. Edges of all symbol cut-outs are beveled. Size 5" x 8".

THICKNESS .040

No. 44R \$3.50



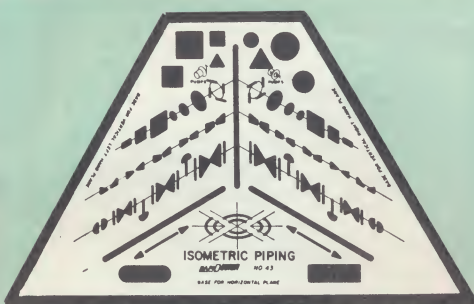
No. 47R INSTRUMENT SYMBOLS

For delineation of laboratory recording instruments—manometers, relief valves, pressure gauges, indicators, signal lights, solenoids, etc. Size 5" x 8". Developed by Instrument Section, Design Division of duPont Company's Engineering Department.

THICKNESS .040

No. 47R \$3.50

**SPECIAL TEMPLATES
MADE TO ORDER**



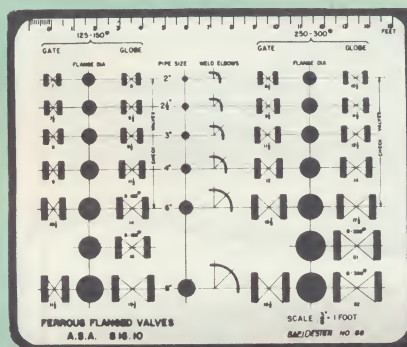
No. 43R ISOMETRIC PIPING—

Facilitates easily understood perspective drawings in construction work of refineries, gas and water distribution systems, sprinklers and other complicated piping work. Contains symbols of all components of piping systems—valves, flanges, elbows, reducers, caps and pumps. Template can be tilted three ways, one for each of the three planes of a perspective view.

Size 5-1/4" x 8-1/2"

THICKNESS .030

No. 43R \$3.75



FERROUS FLANGED VALVES

No. 88R 3/8" = 1 Foot \$2.50

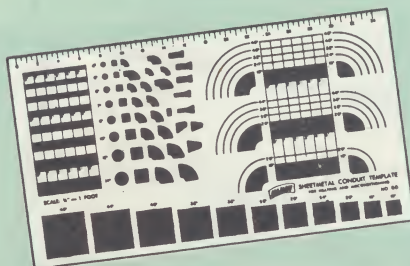
No. 89R 1/4" = 1 Foot \$2.50

ASA B16.10 Valves Standard. Sizes from 2" to 8" pipe diameter—Both light and heavy series. Size — No. 88 - 6-1/2" x 5-3/8"

No. 89 - 6-1/4" x 5"

THICKNESS .030

No. 88R (state size).....\$2.50 EA.

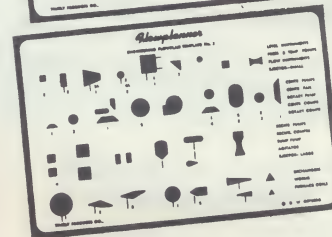


60H Air Cond. & Heating Duct Template

Covers all sizes between 4" and 8" Crosssections, either round or square. Designed to facilitate layout of sheet-metal conduits for heating and air conditioning.

9 3/4" x 5 1/4" x .030"

No. 60H \$4.00

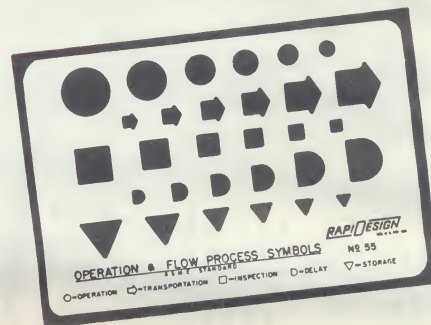


No. 60T FLOWPLAN TEMPLATE SET

An engineered instrument set for the petroleum and organic chemical industries. Produces uniform symbols in sizes suitable for Flowplans and for field reports. Templates are designed to render draftsman-quality symbols with a minimum of effort.

Set of 2 Templates Each, 4 1/4" x 6 1/4"

No. 60T \$4.00

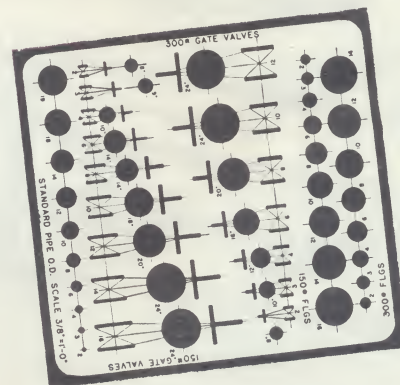


No. 55R OPERATION AND FLOW PROCESS TEMPLATE

Symbols are given in six most desired sizes. Can be used for operation and flow process charts in the factory and the office. Actual size of the template is 5-3/4" x 3-3/4"

THICKNESS .030

No. 55R \$1.50



No. 601D GATE VALVE TEMPLATE

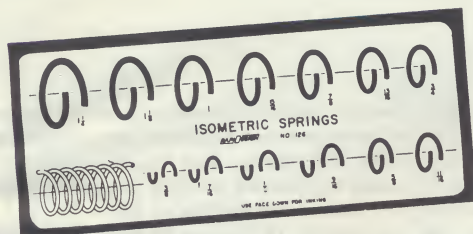
150 lb. and 300 lb. gate valves and flanges. Standard pipe O.D. at 3/8" scale. Size 6" x 6" x .030".

No. 601D \$2.60



"Quality at the Right Price"

SPECIALTY, SYMBOLS AND MISC. TEMPLATES FOR TOOL DESIGN ENGINEERING



No. 126R ISOMETRIC SPRINGS

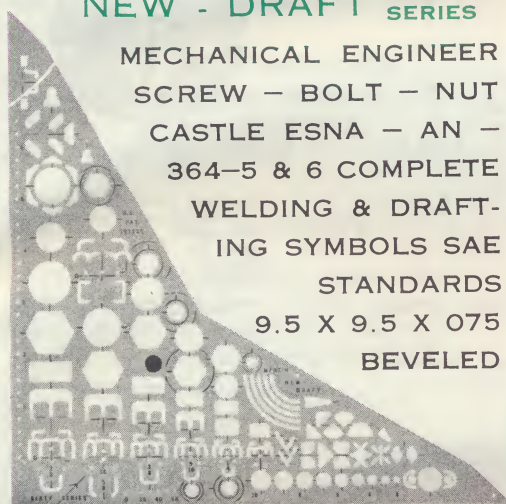
—Helical Springs as shown in perspective views. 13 sizes from $\frac{3}{8}$ " O.D. to $1\frac{1}{4}$ " O.D. **No. 126R \$3.00**

TOOL-DRAFT TRIANGLE TEMPLATES

CAPACITY for all popular sizes of bolts, nuts, screws, symbols and many added template techniques.

NEW - DRAFT SIXTY SERIES

MECHANICAL ENGINEER
SCREW - BOLT - NUT
CASTLE ESNA - AN -
364-5 & 6 COMPLETE
WELDING & DRAFT-
ING SYMBOLS SAE
STANDARDS
9.5 X 9.5 X .075
BEVELED



No. 432M \$7.80

QUALITY — permanent accuracy is maintained by master machining and beveling of all holes from the solid. Precisely positioned center lines are on bottom surface dimensionally stable, instrument-type material.

PRO • DRAFT

NEW TEMPLATE EFFICIENCY
NEW MATERIAL — MOST
PRACTICAL THICKNESS
NEW COLOR WHICH
CLARIFIES BLACK ON
WHITE DRAWINGS

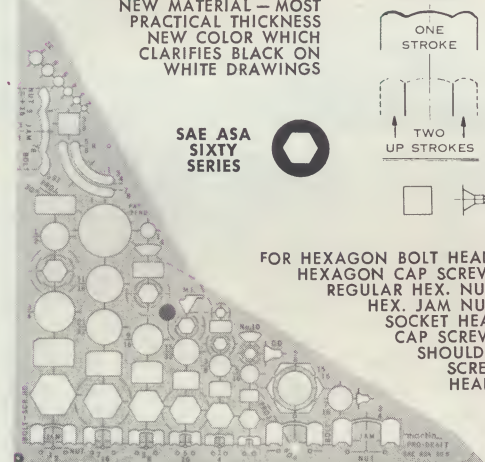
PRO-DRAFT METHOD



SAE ASA
SIXTY
SERIES

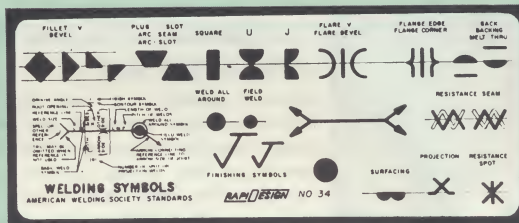


FOR HEXAGON BOLT HEADS
HEXAGON CAP SCREWS
REGULAR HEX. NUTS
HEX. JAM NUTS
SOCKET HEAD
CAP SCREWS
SHOULDER
SCREW HEADS



NEW INSERT FOR 90° ACCURACY
EXTENDED PROJECTIONS FOR 15°, 30°, 60°

No. 434M \$8.50

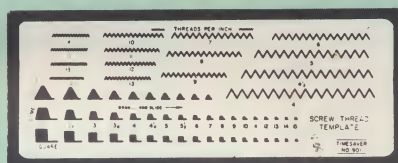


No. 34R WELDING TEMPLATE

Standard arc, gas and resistance welding symbols. Makes clear accurate symbols quickly and neatly.

Size $6\frac{3}{4}$ " x $2\frac{3}{4}$ "
THICKNESS .030

**No. 34R
....\$1.25**



No. 901D SCREW THREAD TEMPLATE

Contains American Standard Threads from 20 per inch to 4 per inch plus VEE, ACME and SQUARE threads.
Size: 3 " x $8\frac{1}{2}$ " x $.020$ "

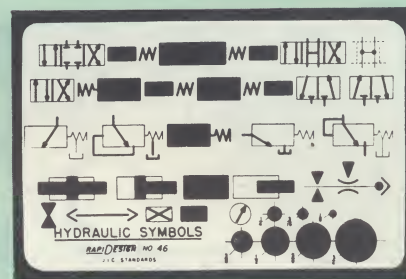
\$2.60 ea.



No. 755D MIL-STD

Plastic edges provided to permit use with inking pen. Size 2 " x $9\frac{1}{2}$ " x $.020$ ".

No. 755D \$2.20

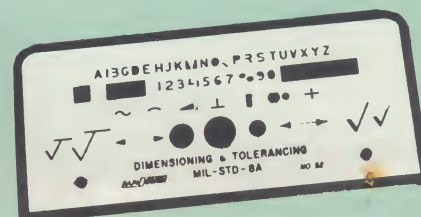


No. 46 HYDRAULIC SYMBOLS

—J. I. C. Standard of industrial hydraulic symbols for designing of hydraulic circuits. Size 7 " x $4\frac{1}{2}$ ".

THICKNESS .030 **\$3.00**

No. 46R \$3.00

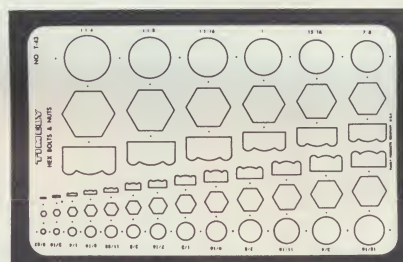


NO. 52R MIL-STD-8A DIMENSIONING & TOLERANCING

SYMBOLS denoting specifications of surface characteristics produce sizes of Rectangles and Circles for use with the symbols. AND a complete ALPHABET in $\frac{1}{4}$ " Size. AND ARROWHEADS and STANDARD FINISHING SYMBOLS.

Size $6\frac{1}{4}$ " x $2\frac{1}{4}$ "
THICKNESS .030

No. 52R \$2.50



No. T-43 Hex Bolts & Nuts Template

Draws top view and side view of Hex, plus chamfer circle. 19 sizes from $\frac{5}{32}$ " through $1\frac{1}{4}$ ". Accurate, permanent pinhole centering.

Size: $6\frac{1}{4}$ " x $9\frac{7}{8}$ " **No. T-43 price \$2.00**



No. 301D SPRING GUIDE

Size: 3 " x $4\frac{1}{4}$ " x $.020$ "

No. 301D \$1.25



No. 63R - MIL - STD Tube Sizes

No. 3 $\frac{3}{8}$ " Tube Diameter— $\frac{1}{2}$ " 24 Threads
No. 4 $\frac{1}{2}$ " Tube Diameter— $\frac{3}{4}$ " 20 Threads

\$3.00

No. 64R - MIL - STD Tube Sizes

No. 5 $\frac{1}{2}$ " Tube Diameter— $1\frac{1}{2}$ " 20 Threads
No. 6 $\frac{3}{4}$ " Tube Diameter— $2\frac{1}{4}$ " 18 Threads

\$3.00

No. 65R - MIL - STD Tube Size

No. 8 $1\frac{1}{2}$ " Tube Diameter— $3\frac{1}{4}$ " 16 Threads

\$2.00

No. 66R - MIL - STD Tube Size

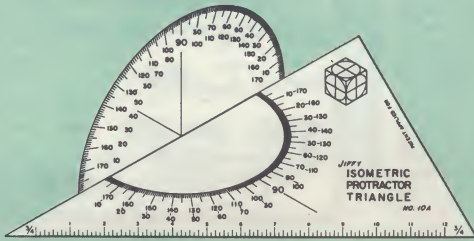
No. 10 $2\frac{1}{8}$ " Tube Diameter— $4\frac{1}{2}$ " 14 Threads

\$2.00

No. 67R - MIL - STD Tube Size

No. 12 $2\frac{3}{4}$ " Tube Diameter— $5\frac{1}{2}$ " 12 Threads

\$2.00



No. 10A—ISOMETRIC PROTRACTOR TRIANGLE

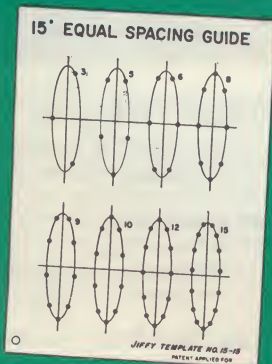
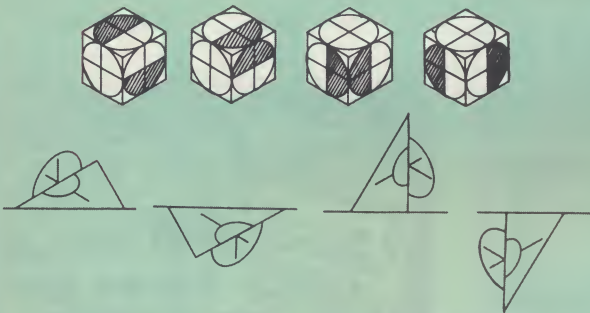
A special protractor combines the features of an ellipse and triangle which is used for directly measuring the distortion of angles in isometric drawings. Total range of angles in three planes can readily be obtained within four positions. In each position, one of the triangle sides coincides with a horizontal straight-edge to insure true alignment with the isometric axis on the drawing.

No. 10AJ\$3.00

The longer edge of the triangle section has a three-quarter 12" scale for making linear measurements on the vertical or isometric axis—a convenient feature when executing an isometric drawing to a reduced ratio where three-fourths equals one inch. Instruction sheet furnished.

Size: Base of triangle is 10 1/2".

The following diagrams illustrate the three planes of a cube in isometric and the corresponding positions of the protractor to be used for measuring angles in the shaded quadrants.



No. 15-15 — 15° EQUAL SPACING GUIDE

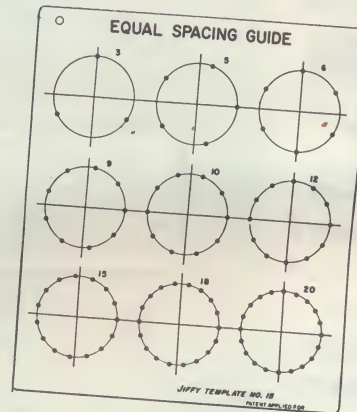
A template in the 15-Series with eight elliptical patterns at 15° projections. Patterns provide for 3, 5, 6, 8, 9, 10, 12, 15 equal sectors.

Size: 5 1/4" x 7".

No. 15-15J\$2.75

EQUAL SPACING GUIDE

Structures based on a circle divided into equal sectors are often required in engineering and pictorial drawings. When the sectors of a true circle are equal, their angles and arc lengths measure the same. However, when the circle is projected at various angles so it appears as an ellipse, the sectors must adjust to the distortion of the ellipse to remain geometrically equal but their angles and arc lengths do not measure the same.



No. 15—EQUAL SPACING GUIDE

A template in the 15-series with circular patterns at 0° projection.

Size: 6 1/4" x 7". No. 15J\$2.75

No. 15-20 — 20° EQUAL SPACING GUIDE

A template in the 15-Series with patterns at 20° projection.

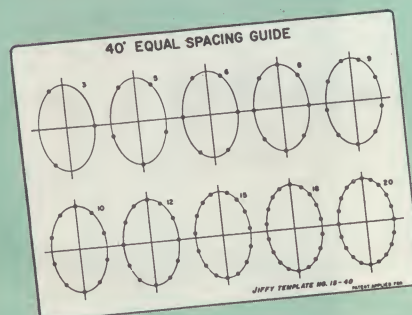
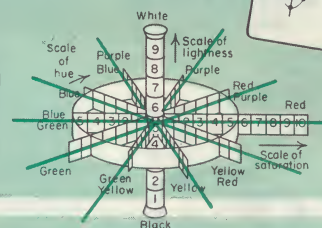
Size: 6 1/4" x 7". No. 15-20J\$2.25

No. 15-25 — 25° EQUAL SPACING GUIDE

A template in the 15-Series with patterns at 25° projection.

Size: 7" x 7". No. 15-25J\$2.75

This schematic is shown in perspective and is projected at 25°. The wheel is divided into ten equal parts. Template No. 15-25 (25° Equal Spacing Guide) using Pattern No. 10, could directly locate these divisions.



No. 15-40 — 40° EQUAL SPACING GUIDE

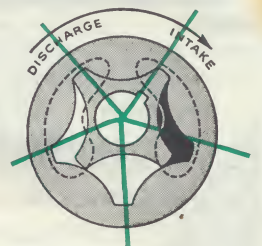
A template in the 15-Series with patterns at 40° projection.

Size: 7" x 9 1/2". No. 15-40J\$3.00

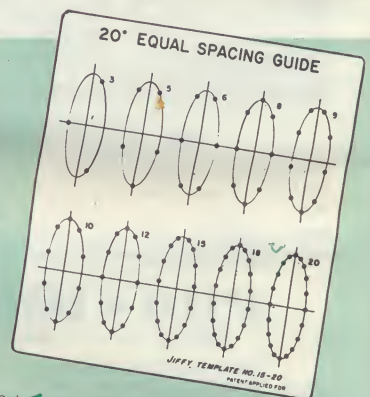
No. 15-45 — 45° EQUAL SPACING GUIDE

A template in the 15-Series with patterns at 45° projection.

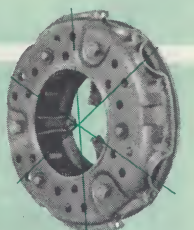
Size: 7" x 10 1/4". No. 15-45J\$3.00



The inner tooth element of this Gerotor is based on five equal spaces which could be directly located with Template No. 1, using Pattern No. 5.



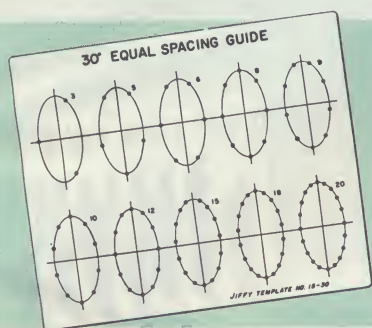
This clutch is shown in perspective and one of the bolt patterns is based on six equal spaces. The angle of projection is approx. 45°. The Template No. 8 (45° Equal Spacing Guide) could be used for locating this bolt pattern.





"Quality at the Right Price"

SPACING AND ISOMETRIC TEMPLATES



No. 15-30 — 30° EQUAL SPACING GUIDE

A template in the 15-Series with patterns at 30° projection.

Size: 7" x 8". No. 15-30J\$3.00

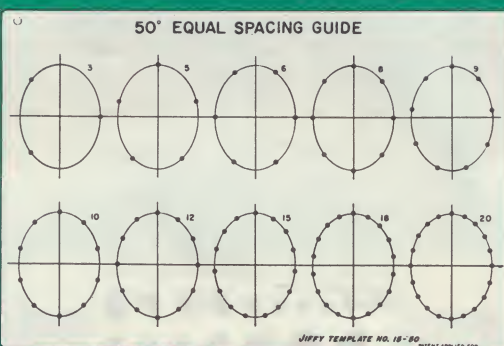
No. 15-35 — 35° EQUAL SPACING GUIDE

A template in the 15-Series with patterns at 35° projection.

Size: 7" x 8 1/2". No. 15-35J\$3.00

SPECIFICATIONS

Matt finish that eliminates glare; accuracy, uniformity is guaranteed; top professional quality materials; seasoned for dimensional stability; milled to engraving machine accuracy.



No. 15-50 — 50° EQUAL SPACING GUIDE

A template in the 15-Series with patterns at 50° projection.

Size: 7" x 10 1/4".

No. 15-50J\$3.00

No. 15-55 — 55° EQUAL SPACING GUIDE

A template in the 15-Series with patterns at 55° projection.

Size: 7" x 10 1/2".

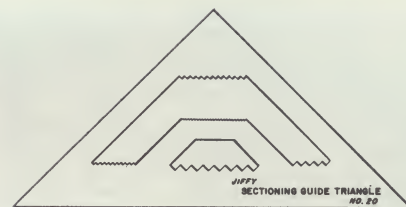
No. 15-55J\$3.00

No. 15-60 — 60° EQUAL SPACING GUIDE

A template in the 15-Series with patterns at 60° projection.

Size: 7" x 10 1/2".

No. 15-60J\$3.00

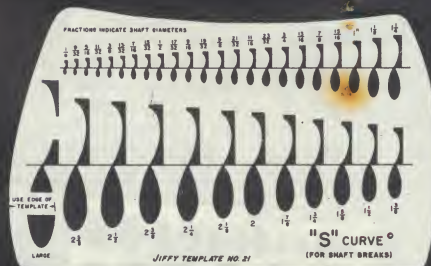


No. 20 — SECTIONING GUIDE TRIANGLE

A standard 45° triangle provides five rows of V-grooves for uniform section lining in a jiffy. Select width of spacing desired, mark off equi-distant spacing using one row of V-grooves, slide triangle along straight edge and draw uniform section lines inclined 45° to the left or right. Each row of V-grooves provides a different width.

Size: Base of triangle is 9".

No. 20J\$2.50



No. 21 — "S" CURVE

A unique template simplifies "S" Curves for shaft breaks on small and large shafts. Template provides 34 slim 'S' cut-outs in varying increments—shaft breaks from 1/4" to 2 3/4" can be drawn in a single clean stroke in a jiffy. The furnished instruction sheet shows how the template may be easily used for drawing shaft breaks up to 12" in a similar precise manner.

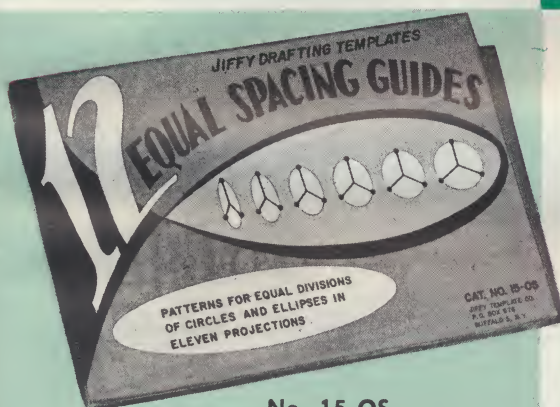
Size: 5 1/2" x 8 3/4".

No. 21J\$3.50

No. 21A — "S" CURVE

Template is identical to No. 21 except the size of the curves for shaft breaks are given in decimal dimensions.

No. 21-AJ\$3.50

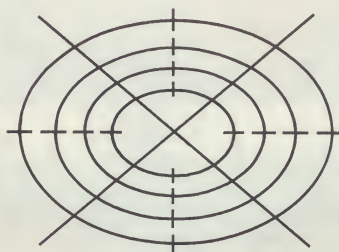


No. 15-OS

No. 15-OS — SET OF 12 EQUAL SPACING GUIDES

Set includes twelve templates of the 15-Series, Nos. 15 through 15-i, in an attractive box which may be used for their permanent container. Instruction sheet furnished.

No. 15-OSJ\$29.00

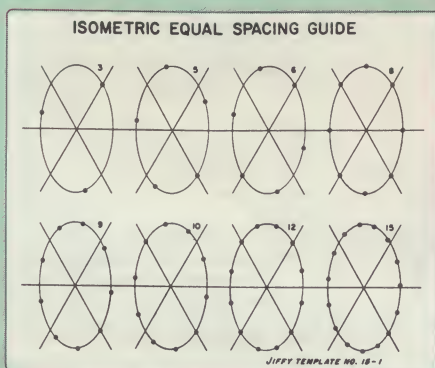


No. 15-i — ISOMETRIC EQUAL SPACING GUIDE

A template in the 15-Series with eight elliptical patterns in isometric projection. Patterns provide for 3, 5, 6, 8, 9, 10, 12, and 15 equal sectors.

Size: 7" x 8 3/8".

No. 15-iJ\$3.00



SPECIAL DESIGNS

CUSTOM MADE ORDER

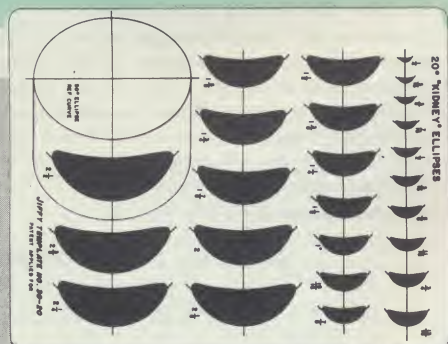
We make Special Templates and Lettering Guides for Individual Drafting room use.

Please send Scale Drawing and designate between cut out portion and printing.

Your request will be handled promptly.

The projection of a circle on a flat surface appears as a true ellipse but on a curved surface, it appears as a complex "kidney" shape. The kidney is derived from a right-angle intersection of two cylinders in projection.

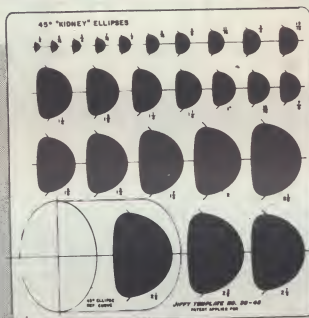
Template Series No. 30, The Kidney Ellipses, simplify the projections of circles on curved surfaces. Each template of this series provides twenty-five accurate kidney ellipses ranging from $\frac{1}{4}$ " to $2\frac{1}{2}$ " in varying increments.



No. 30-20 — 20° KIDNEY ELLIPSE

The twenty-degree kidney ellipse is the result of a true circle projected on a curved surface whose curve forms an approximate ellipse of fifty degrees. Size: 7" x 9".

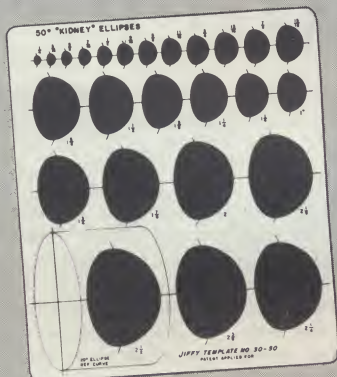
No. 30-20J\$3.50



No. 30-45 — 45° KIDNEY ELLIPSE

The forty-five-degree kidney ellipse is the result of a true circle projected on a curved surface whose curve forms an approximate ellipse of forty-five degrees. Size: 9" x 9".

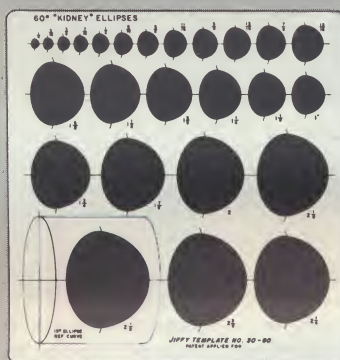
No. 30-45J\$3.75



No. 30-50 — 50° KIDNEY ELLIPSE

The fifty-degree kidney ellipse is the result of a true circle projected on a curved surface whose curve forms an approximate ellipse of twenty degrees. Size: 8" x 9".

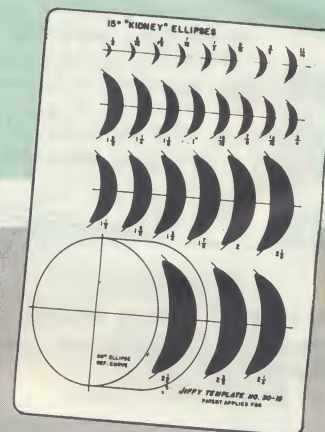
No. 30-50J\$3.75



No. 30-60 — 60° KIDNEY ELLIPSE

The sixty-degree kidney ellipse is the result of a true circle projected on a curved surface whose curve forms an approximate ellipse of fifteen degrees. Size: 8 3/4" x 9".

No. 30-60J\$3.75



No. 30-15 — 15° KIDNEY ELLIPSE

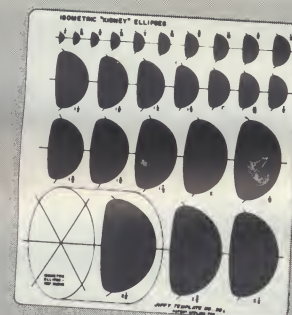
The fifteen-degree kidney is the result of a true circle projected on a curved surface whose curve forms an approximate ellipse of sixty degrees. Size: 6 1/2" x 9".

No. 30-15J\$3.50

No. 30-05 — SET OF KIDNEY ELLIPSE TEMPLATES

Set includes the six templates of the 30-Series, Nos. 30-15 through 30-60, in an attractive box which may be used as their permanent container.

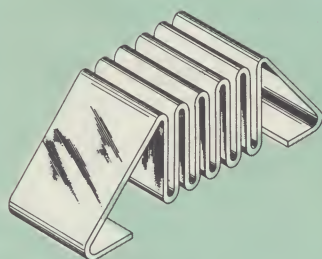
No. 30-05J\$19.00



No. 30-1 — ISOMETRIC KIDNEY ELLIPSE

The isometric kidney ellipse is the result of a true circle projected on a curved surface whose curve forms an approximate isometric ellipse. Size: 8 3/4" x 9 1/2".

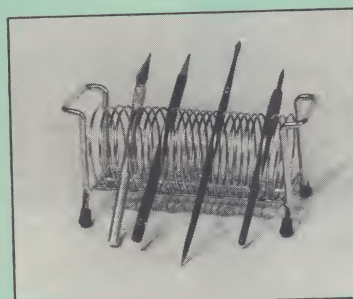
No. 30-1J\$3.75



No. 28 — THE JIFFY HANDI-RACK

A small plastic rack holds six or more Jiffy Templates neatly in place and handy for immediate use. The Handi-Rack sits anywhere on the drawing board or desk and avoids losing templates among cluttered papers, books, and drawings. Besides templates, the Handi-Rack has dozens of other uses in the office and drawing room. Overall dimensions: length 6"; width 2"; height 2 1/4".

No. 28J\$2.80



TEMPLATE, PEN and PENCIL RACK

Ideal for keeping templates, pens, pencils and brushes at your fingertips. Finished in a gleaming brass. Rubber feet. Individually boxed.

- Ends desk mess.
- Flexible wire enables easy placement of pens, pencils or templates.

No. 2733 — Template, Pen & Pencil Rack\$1.50 each

GENERAL TEMPLATES

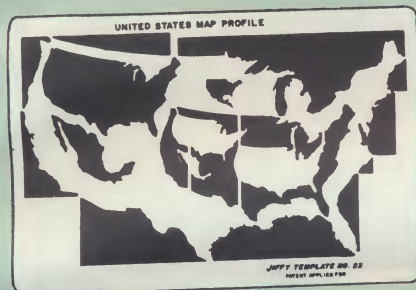


No. 22 — THE HUMAN FIGURE

Freehand talent not required for drawing people with this practical template. Template provides cut-out silhouette figures standing in four different positions in six convenient sizes that are graduated in fractions of an inch to the foot. Ratios include $\frac{3}{32}$, $\frac{3}{16}$, $\frac{1}{8}$, $\frac{1}{4}$, $1\frac{1}{2}$, and 3" to the foot. These figures are ideal for indicating approximate scale on graphs, charts, architectural drawings, and other pictorial purposes.

Size: $5\frac{3}{4}$ " x 7".

No. 22J\$3.50



No. 23 — UNITED STATES MAP PROFILE

Another practical template that simplifies drawing an accurate profile of The United States Map when used in illustrations and pictorial diagrams. Template includes six different sizes of the map.

Size: $6\frac{1}{4}$ " x 9".

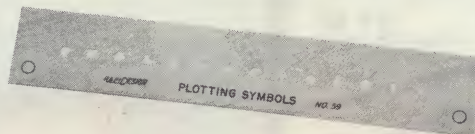
No. 23J\$3.00



No. 20R SKETCH SCALE

A handy transparent pocket rule, scaled in 10ths and 16ths with common cut-outs for making field sketches and other drawings. Size $6\frac{1}{2}$ " x 1". THICKNESS .030

No. 20R \$.50

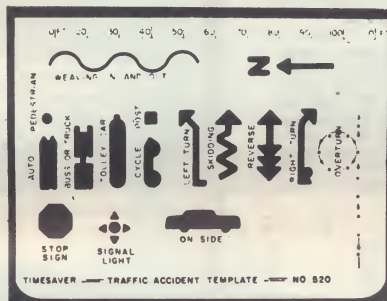


No. 59R PLOTTING SYMBOLS

For symbols by flight test and Data Deduction Engineers in making graphs, sketches and plotting curves. Made of amber colored mathematical quality plastic. Size $6\frac{3}{4}$ " x $1\frac{1}{4}$ ".

THICKNESS .020

No. 59R \$1.00



No. 520D TRAFFIC ACCIDENT

For scale diagrams of accidents. For use of police, accident investigators and insurance companies. Size: $3\frac{1}{2}$ " x $3\frac{1}{2}$ " x .030".

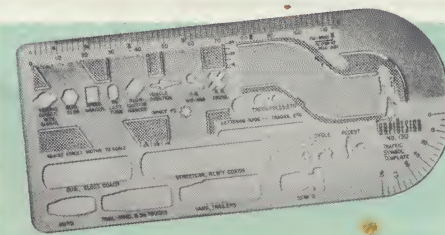
\$1.50



No. 125R TRAFFIC SYMBOLS

Most commonly used traffic symbols employed in insurance company and police department accident forms. Uniformity and neatness where they count most in telling the story. Size $3\frac{3}{16}$ " x $8\frac{5}{16}$ ". THICKNESS .030

No. 125R \$2.00



No. 130R TRAFFIC SYMBOLS

Similar in function to the No. 125, but with emphasis on general rather than rail accident reporting. Size $3\frac{7}{16}$ " x 8". THICKNESS .030

No. 130R \$2.00

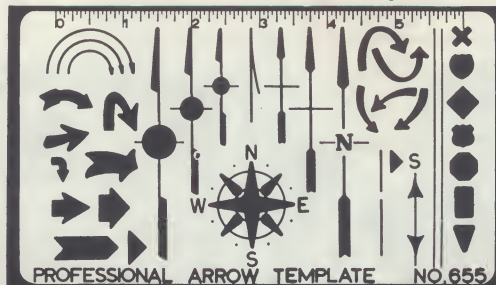


No. 660H Map Planner Template

Useful for making highways, terrain contours, landscaping plots and many standard traffic symbols. Green plastic. 7 " x 3 " x .030"

No. 660H \$2.25

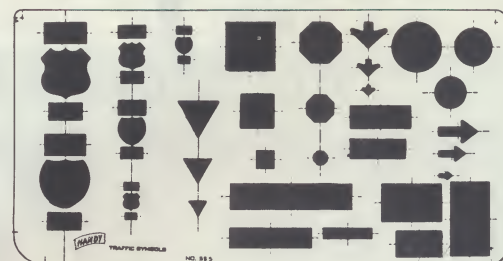
Professional Arrow Template



A complete selection of directional, Process flow and sectional arrows, also highway symbols.

4 " x 7 " x .030" No. 655H \$2.50

Highway Mapping Symbols



A time saver for all City, State or Federal Highway draftsmen and engineers.

5 " x 10 " x .030" No. 555H \$4.00

No. 785D MAPPING SYMBOLS

Standard highway mapping symbols. Size: 3 " x 4 ". \$1.50

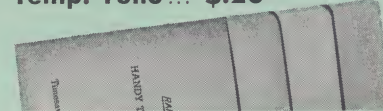
No. 786D MAPPING SYMBOLS

Same as No. 785 except twice size. Size: 4 " x 6 ". \$1.85

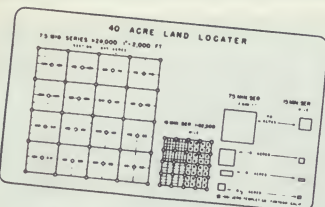
HANDY TEMPLATE FOLIO

Designed exclusively for Rapidesign for convenient storage of templates. Four interlining pockets allow storage of sizes from $10\frac{7}{16}$ " x $5\frac{1}{2}$ " inches down. For the man who likes to keep his templates.

Temp. Folio ... \$2.20



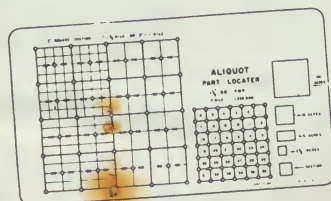
LAND SECTION TEMPLATES AND GUIDE STONE GAUGES



40 Acre Land Locator TYPE B

New, improved and different features make this favorite templet more useful than ever! In addition to features found in our Type A (described below), square holes appear as cut-outs in sizes of 2-1/2, 5, 10 and 40 acres. These cut-outs are on both scales, 1"=2,000 Ft. and 1"=1 mile, and make it easy to draw exact size and location of any area on pinpoint map.

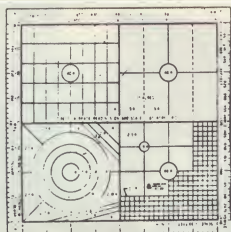
No. JB \$1.25



Aliquot Part Locator

This new templet may be used for positive locating of sections of land when no other scales are needed as shown on our Section Land Locator. Aliquot (dividing a number without a remainder) Part Locator has 2 scales representing sectional size of 3" square 1"=1/3 mile or 1760 feet or 3"=1 mile, used very extensively in aerial photography. Holes in corners of 40 acre parcels with division for 10 acre parcel. Other scale is a township drawn section locator in a 1"=4 miles, 1: 250,000, the most popular and widely used map scale by U.S. Geological Survey Bureau. Holes punched in corner of each section for positive pinpointing of section on map. Likewise, size outline of section on map in pencil or ball pen.

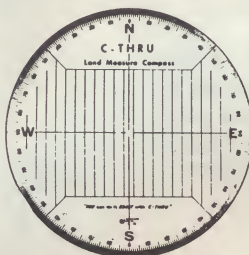
\$2 No. JC \$2.00



No. LA24 4 SQUARE LAND AREA SCALE 4-5/8" x 4-5/8"

The 4 Square Land Area Scale is printed in two colors, red and black. 160 acre grid to 660 scale. Each 40 acre is two inches square. Calibrated in chains, rods, and feet.

No. LA24 \$1.50

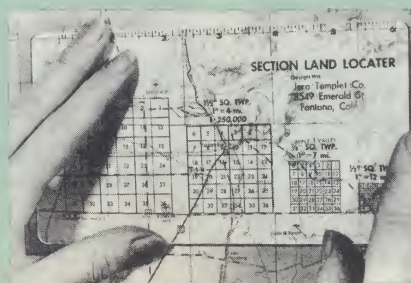


No. LA26 LAND MEASURE COMPASS 5" diameter

A transparent compass printed red and black with circle divided into four quadrants, each graduated from zero to 90 degrees. North and South are always zero points and East and West marked 90 degrees. This construction is based on the principle of surveyors compass.

No. LA26 \$1.50

Section Land Locator

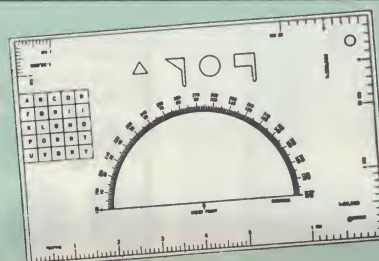


Time-saving method for locating specific sections of land on Federal topographic, State mineral, oil and Gas, County, Blackburn and other maps drawn to any of the 8 most commonly used scales from 1"=16 miles to 1"=2 miles. By placing Section Land Locator on map with corresponding scale on township lines exact location of all 36 sections is immediately visible. Consists of two templets, each 3-3/4" x 6-3/4". Easily punched to fit any ring binder. Ends guesswork and indecision. NO. JS \$2 PER SET

40 ACRE LAND LOCATER TYPE A



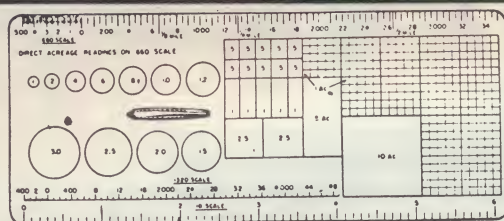
Has two scales, 1"=2,000 feet and 1"=1 mile, standard more detail maps used by U.S. Geological Survey in compiling topographic maps. Holes punched to mark 40 and 10 acre boundaries with pencil or ball pen and from which smaller parcels may be located. Includes a Fractional Acres reference table showing square foot areas of various fractional acres, approximate lot sizes and formula for conversion of acreage or fractional acres, of a given measurement for a parcel of land. In addition, one side of templet has a foot scale rule equivalent to drawn templet scale to simplify measurement of distance to roads, rivers, etc. NO. JA \$1.25



NO. P-66 PROTRACTOR COORDINATE SQUARE 8" x 5" - Wt. 9 oz. - doz.

This Protractor Coordinate Square has unit symbols, inch scale in tenths, coordinates in kilometers 1:25,000, 1:50,000; 1:200,000 and protractor feature.

No. P66 \$1.50

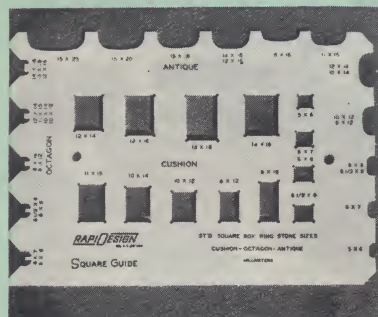


No. LA22—AREA SCALE 6 1/2" x 2 3/4"

A scale for quick plotting detail drawing, estimating number of acres in given irregular area and accurate measurement of land in connection with conservation. Ideal for Production and Marketing Administration, Department of Agriculture, Abstractors, Surveyors, land, tax and map appraisers. Scaled 1"=660' 8"=1 mile, 1 square inch=10 acres. The Area Scale also includes an inch scale in tenths and a 1320 scale. Comes equipped with a handy clip for pocket carrying.

No. LA22 \$1.00

GUIDE STONE GAUGES



SQUARE GUIDE NO. 1012R

Standard cushion, cushion antique and octagon shapes for box, prong, and open mountings in standard and costume jewelry sizes.

\$3.00



HEART & CROSS GUIDE NO. 1013R

Standard religious cross and classic heart shapes arranged for easy use in the six common sizes.

\$2.00



OVAL GUIDE NO. 1011R

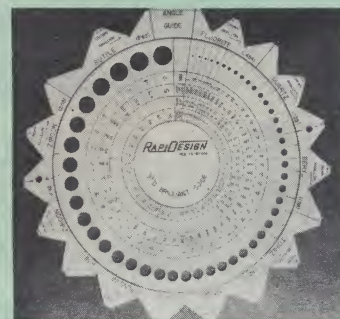
Standard costume ringstone and brooch sizes for agate and regular jewelry mountings.

\$2.50

OVAL GUIDE NO. 1010R

Standard jewelry ringstone sizes for commercial mountings.

\$2.50



BRILLIANT GUIDE NO. 1014R

Standard round and brilliant sizes by stone size, millimeter size, pearl size, and the equivalent carat weight diamond size, complete with the correct angles for both the crown and pavillion main facets arranged according to the index of refraction of various gem materials.

No. 1014R.....\$3.50



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